

LANDSAT I

CUMULATIVE

U.S. STANDARD CATALOG

1974/1975

VOL. 2: COORDINATE LISTING

7/23/74 - 7/23/75

GODDARD SPACE FLIGHT CENTER

GREENBELT, MARYLAND

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



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Special Notice

LANDSAT 1 Third Year Cumulative U.S. Standard Catalog

This Catalog includes data pertaining to imagery acquired by LANDSAT 1 from July 23, 1974 through July 23, 1975.

Two listings of the imagery are included in this Catalog: an observation identification listing and a listing of the imagery based on geographic location (coordinate listing).

Montage maps are not included in the U.S. cumulative issue. The microfilm roll and frame numbers noted refer to those rolls of microfilm prepared for the monthly issues of the Standard Catalog. There will be no microfilm prepared specifically for this Cumulative Catalog.

The LANDSAT 2 Cumulative Catalog will be published after January, 1976. The value of discarding monthly catalogs should be reassessed since they may now contain data not yet published in a cumulative.

U.S. Standard Catalog - Volume I Observation ID Listing
Volume II Coordinate Listing

INTRODUCTION

To provide dissemination of information regarding the availability of LANDSAT imagery, the Image Processing Facility (IPF), located at the Goddard Space Flight Center, publishes a U.S. and a Non-U.S. Standard Catalog on a monthly schedule. These catalogs identify imagery which has been processed and input to the data files during the referenced month. The U.S. Standard Catalog includes imagery covering the continental United States, Alaska and Hawaii; the Non-U.S. Catalog identifies all the remaining coverage. Imagery adjacent to the continental U.S. and Alaska borders will normally appear in the U.S. Standard Catalog. As a supplement to these catalogs, an inventory of LANDSAT imagery on 16 mm microfilm is also available.

In addition to the routine monthly catalogs, the IPF annually publishes a cumulative U.S. and Non-U.S. Standard Catalog. These catalogs include information on all observations acquired and processed by the facility during that year.

Catalogs and microfilm are available through the IPF to official LANDSAT investigators and approved agencies. In addition, copies of the Standard Catalogs and microfilm may be purchased from the EROS Data Center, Sioux Falls, South Dakota, 57198.

Additional information concerning catalogs or microfilm may be obtained by writing or telephoning:

Support Services
NASA/Goddard Space Flight Center
Code 563
Greenbelt, Maryland 20771
301-982-5406

SECTION 1 — STANDARD CATALOG

1.1 MONTHLY CATALOGS

The coverage sections contained in the monthly U.S. and Non-U.S. Standard Catalogs are divided into three parts. Part 1 (see Para. 1.1,A) consists of annotated maps which graphically depict the geographic areas covered by imagery listed in the current catalog. Part 2 (see Para. 1.1,B) contains a computer generated listing organized by observation identification number (ID) and includes pertinent information about each image. Part 3 (see Para. 1.1,C) provides a computer listing of observations organized by longitude/latitude.

A. Satellite Coverage Maps. These maps are segregated by cycle and depict the general location of observations listed in the catalog. The format and data content of these maps are slightly different in the U.S. and Non-U.S. catalogs.

1. U.S. Satellite Coverage Maps. Two separate map formats are presented in this catalog. One map outlines the continental U.S. and depicts the estimated cloud cover along each north to south subsatellite path. Each path is identified by actual orbit number and a cross reference, which matches the orbit number to the initial observation ID for that path. The second map provides an enlarged view of Alaska and Hawaii and displays the portion of an orbital pass for which coverage is available. This map does not include cloud cover estimates or orbit numbers.
2. Non-U.S. Satellite Coverage Map. A world outline map is provided with the portions of an orbital swath for which observations are available graphically displayed. This map is intended solely to inform the user as to whether or not coverage is included in the catalog for his area of interest. It is not intended as a rapid reference to specific observations.

B. Observation Identification Number (ID) Listing. The data format for the observation ID listing is identical in the U.S. and Non-U.S. Catalogs. Observation ID numbers are listed in a sequential manner from smallest number to largest. Associated with each ID number in the list is pertinent information about that observation. A sample catalog page with a description of each data item is shown in Figure 1-1.

1. Sample Observation ID Format. See Figure 1-1.

① 20 53 APR 04, '75										
② FROM 02/01/75 TO 02/28/75										
④	⑤		⑥	⑦	⑧	⑨		⑩	⑪	
OBSERVATION ID	MICROFILM ROLL NO / POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE		SUN LLLV	SUN AZIM	IMAGL QUALITY
	RBV	MSS				LAT	LONG			RBV MSS
										123 45678
1943-16381	00000/0000	1-10034/0565	02/21/75	100	3149	4728N	09815W	25 3	144 8	GGGG
1943-16383	00000/0000	1-10034/0566	02/21/75	100	3149	4603N	09849W	26 3	143 9	GGG
1943-16390	00000/0000	1-10034/0567	02/21/75	100	3149	4438N	09923W	27 2	143 0	1 GG
1943-16392	00000/0000	1-10034/0568	02/21/75	70	3149	4313N	09955W	28 2	142 1	GGIT
1943-16395	00000/0000	1-10034/0569	02/21/75	40	3149	4147N	10026W	29 1	141 2	1 GGG
1944-16432	00000/0000	1-10034/0606	02/22/75	40	3163	4854N	09903W	24 7	145 5	GGGG
1944-16435	00000/0000	1-10034/0607	02/22/75	90	3163	4730N	09939W	25 6	144 6	1 GGG
1944-16441	00000/0000	1-10034/0608	02/22/75	30	3163	4605N	10014W	26 6	143 8	GGGG

③ KEY
 CLOUD COVER
 • 0 TO 100 = % OF CLOUD COVER
 • *** NO CLOUD DATA AVAILABLE
 IMAGE QUALITY
 • BLANK = BAND NOT PRESENT/REQUESTED
 • G = GOOD P = POOR I = FAIR

Figure 1-1. Observation ID Listing for Standard Catalog

2. Description of Data Items

- ① Date of catalog listing

② Period during which imagery was processed

③ Data quality

④ Observation ID

⑤ RBV and MSS microfilm roll and image position on roll; note: RBV and MSS images for a given observation may be on two different microfilm rolls

⑥ Date of observation

⑦ Estimated percent of cloud cover

⑧ Orbit number

⑨ Latitude and longitude at observation center (degrees and minutes)

⑩ Sun elevation and azimuth at observation center

⑪ Image quality; see key
- 1010

15165

→ Tens of seconds

→ Minutes of hour

→ Hour of day since launch

→ Day since launch

→ Satellite number

(1 or 5 = LANDSAT 1,
2 or 6 = LANDSAT 2);
see Appendix for full explanation

- C. Longitude/Latitude Listing. The data format for the longitude/latitude listing is identical in the U.S. and Non-U.S. Catalogs. This listing contains the same observations as the observation ID listing but organizes them by coordinates, using image center location information for each observation. Observations in this listing will be sorted first by longitude and, within longitude, by latitude. The longitude/latitude listing is arranged in the following manner:

180-0 degrees East; 90-0 degrees North and 0-90 degrees South
 followed by
 0-180 degrees West; 90-0 degrees North and 0-90 degrees South

This listing is intended to be used as a tool for locating specific coverage, and once a specific observation has been identified, pertinent information about it can be found by referring to the ID listing.

Figure 1-2 below shows a sample catalog page with a description of each data item.

1. Sample Longitude/Latitude Format. See Figure 1-2.

① 20 53 APR 04 75										② FROM 02/01/75 TO 02/28/75									
③		④		⑤		⑥		⑦		⑧		⑨		⑩		⑪		⑫	
PRINCIPAL PT OF IMAGE		OBSERVATION ID		CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT OF IMAGE		OBSERVATION ID		CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT OF IMAGE		OBSERVATION ID		CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT OF IMAGE	
LONG	LAT					LONG	LAT					LONG	LAT					LONG	LAT
12350W	3608N	1940-18074		80	G1 FT	12421W	3855N	1923-18132		70	11 FG	12512W	4436N	1925-18230		90	GGGG		
12352W	4027N	1941-18120		100	1 GGG	12437W	4601N	1925-18224		90	GGGG	12517W	4022N	1924-18183		50	FTT I		
12352W	4020N	1923-18125		90	1111	12447W	4147N	1924-18181		60	G111	12527W	4728N	1926-18275		60	11 FG		
12401W	4726N	1925-18221		90	GG1 G	12449W	3736N	1941-18125		90	1 FGG	12545W	4311N	1925-18233		90	GGGG		
12416W	4313N	1924-18174		70	1111	12449W	3729N	1923-18134		70	111 G	12546W	3857N	1924-18190		50	FGG-		
12421W	3901N	1941-18123		100	1 G1 G	12451W	4852N	1926-18273		90	G GGG	12602W	4603N	1926-18282		70	FGGG		

⑦ KEY

(CLOUD COVER

- 0 TO 100 = % OF CLOUD COVER
- ** NO CLOUD DATA AVAILABLE

IMAGI QUALITY

- BLANK = BAND NOT PRESENT/REQUESTED
- G = GOOD P = POOR 1 = FAIR

Figure 1-2. Coordinate Listing for Standard Catalog

2. Description of Data Items

- | | |
|---|---|
| <p>① Date of catalog listing</p> <p>② Period during which imagery was processed</p> <p>③ Longitude and latitude at observation center (degrees and minutes)</p> <p>④ Observation ID (see Fig. 1-1, Para. 1.1, B, 2)</p> | <p>⑤ Estimated percent of cloud cover</p> <p>⑥ Image quality; see key</p> <p>⑦ Data quality</p> |
|---|---|

1.2 CUMULATIVE STANDARD CATALOGS

Annually, a cumulative catalog is produced which includes information covering all observations and coordinates acquired and processed by the IPF during that year.

A. Observation ID Listing.

1. Sample Observation ID Format. See Figure 1-1.
2. Description of Data Items. See Paragraph 1.1, B, 2.

B. Coordinate ID Listing. The coordinate ID listing format is expanded to identify observations for which color or digital products have been made.

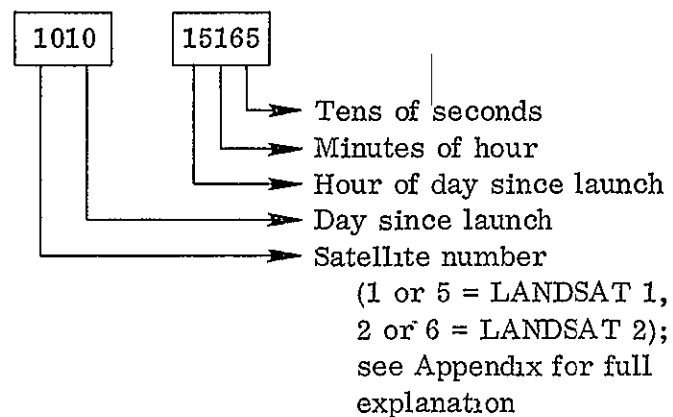
1. Sample Coordinate ID Format. See Figure 1-3.

(9)		(1) 15 36 MAR 11, '74		(4)	(5)	(6)	(7)	(2) FROM 07/23/72 TO 07/23/74		(8)	(10)		(11)	(12)			
PRINCIPAL POINT OF IMAGE				OBSERVATION ID	MICROFILM ROLL NO / POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER		SUN ELEV	SUN AZIM	IMAGE QUALITY RBV 123	MSS 45678	PRODUCTS B P P B P C C D D		
LONG	LAT				RBV	MSS											
07607W	3734N	1295-15144			00000/0000	10010/1659	05/14/73	20	4112	60 2	122 0		GGGG			M	
07607W	3731N	1259-15150			00000/0000	10010/0088	04/08/73	90	3610	50 7	133 2		GGGG			M	
07607W	3731N	1313-15143			00000/0000	10011/0920	06/01/73	80	4363	62 3	116 2		GGGG			M	
07608W	4438N	1027-15231			00000/0000	1-10001/1498	08/19/72	0	375	50 9	136 9		GGGG	M		M	
07608W	3731N	1331-15142			00000/0000	1-10011/1589	06/19/73	100	4614	62 4	112 8		GGGG				
07608W	3724N	1349-15141			00000/0000	1-10012/1387	07/07/73	10	4865	61 2	112 9		PGPP	M		M	
07609W	4851N	1352-15275			00000/0000	1-10012/1622	07/10/73	60	4907	56 7	133 9		G				
07609W	3144N	1006-15093			1-10001/0377	1-10001/0378	07/29/72	100	82	59 7	108 3	GGG	PPGG				
(3) KEY																	
CLOUD COVER					IMAGE QUALITY					PRODUCTS ALREADY MADE							
● 0 TO 100 = % OF CLOUD COVER					● BLANK = BAND NOT PRESENT/REQUESTED					● R = MADE FROM RBV M = MADE FROM MSS							
					● G = GOOD P = POOR F = FAIR					B = MADE FROM RBV AND MSS							

Figure 1-3. Coordinate Listing for Cumulative Standard Catalog

2. Description of Data Items

- ① Date of catalog listing
- ② Period during which imagery was processed
- ③ Data quality
- ④ Observation ID



- ⑤ RBV and MSS microfilm roll and image position on roll; note: RBV and MSS images for a given observation may be on two different microfilm rolls
- ⑥ Date of observation
- ⑦ Estimated percent of cloud cover
- ⑧ Orbit number
- ⑨ Latitude and longitude at observation center (degrees and minutes)
- ⑩ Sun elevation and azimuth at observation center
- ⑪ Image quality; see key
- ⑫ Image/data product availability; see key

SECTION 2 — MICROFILM

2.1 GENERAL

The Image Processing Facility produces a 16 mm microfilm inventory of imagery processed during the referenced month and is organized for convenient use with the Standard Catalog.

As in the case of the Standard Catalog, the microfilm data is divided into U.S. and Non-U.S. segments. Each set of microfilm images is in exact correspondence to a Standard Catalog and can be used in conjunction with the catalog for selecting desired images. A maximum of 1900 images will be contained on one roll of 16 mm x 100 ft microfilm. Because the microfilm images are intended to provide only a summary of the data available, the images are limited to one band each for the RBV and MSS. Although a single observation will produce seven images, in the production of microfilm only the RBV Spectral Band 2 images (0.580 - 0.680 microns) and MSS Spectral Band 2 images (0.6 - 0.7 microns) are reproduced. Each image is a photograph of a 70 mm (-2) image and contains the image identifier and annotation block. See Figure 2-1.

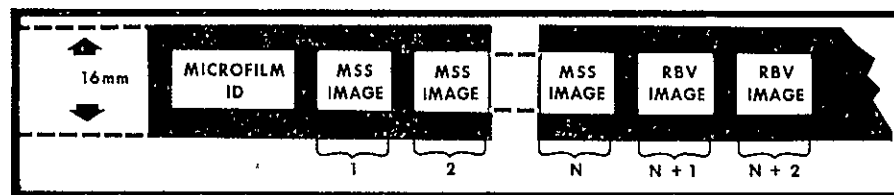


Figure 2-1. Microfilm Format

Microfilm roll numbers contain six digits. The first digit designates the satellite number (blank or 1- = LANDSAT 1, 2- = LANDSAT 2). Example: Roll number 10032 and roll number 1-10034 are both LANDSAT 1 rolls. Roll 2-10032 is a LANDSAT 2 roll. The second digit will be a 1 (for U.S. rolls) or a 2 (for Non-U.S. rolls). The remaining digits are used to number sequentially all microfilm rolls prepared within each group. Example: Roll number 10001 is the first U.S. roll of microfilm produced for LANDSAT 1. Roll number 20004 is the fourth Non-U.S. roll to be produced for LANDSAT 1. The first U.S. roll of microfilm for LANDSAT 2 is number 2-10001.

The microfilm contains two rapid search capabilities to help the user quickly reach the desired scene. They are:

- Code Line Indexing
- Blip Encoding

2.2 CODE LINE INDEXING

The LANDSAT microfilm images have been annotated with visual code lines to the right of each frame. The visual code lines graduate up the edge of the screen as the film advances and allow the user to advance rapidly to within 20 frames of his desired image. See Figure 2-2.

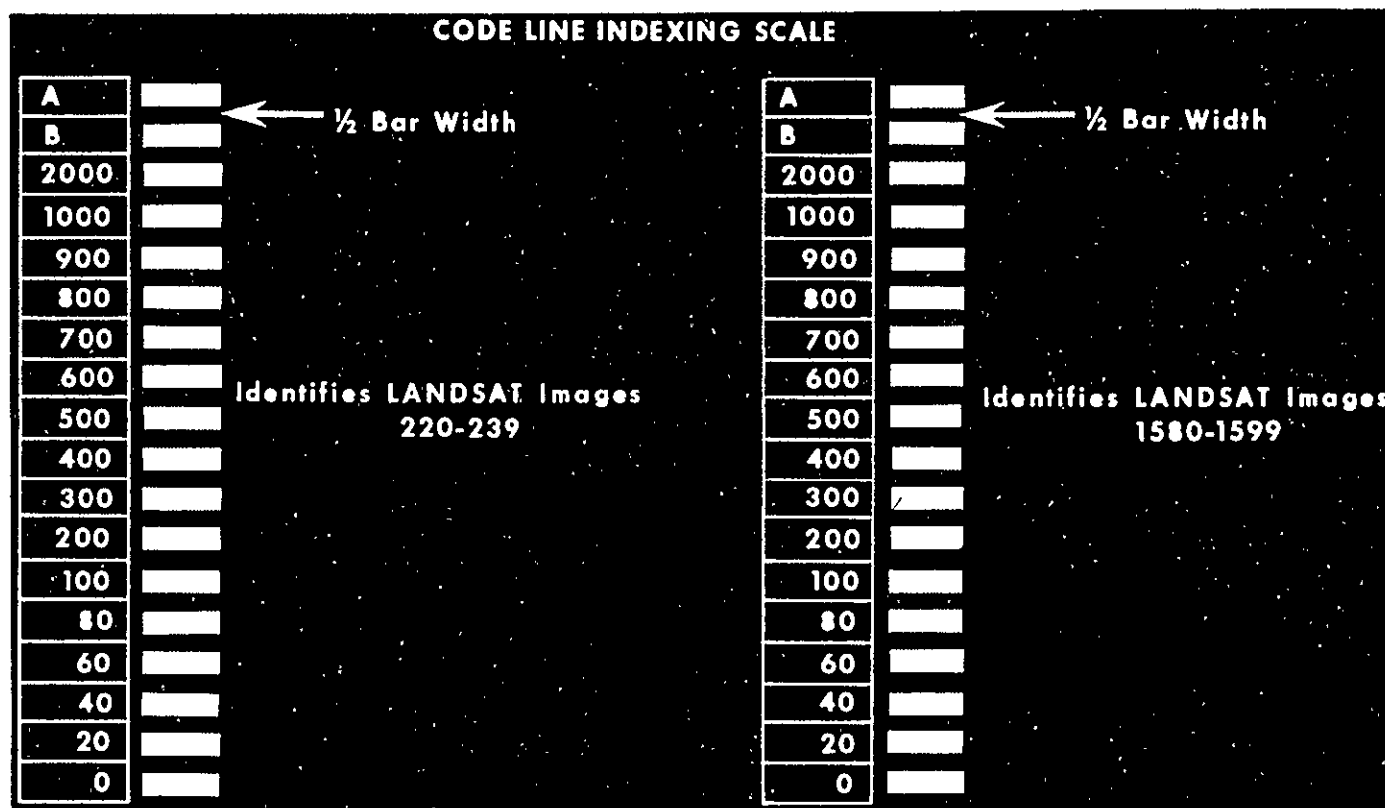


Figure 2-2. Code Line Indexing Scale

To utilize this system, a user must generate a code line indexing bar scale to attach to the face of his viewers. The size and spacing for the bar scale is dependent upon the magnification of his viewer. LANDSAT imagery is microfilmed at a reduction ratio of 8.5x. To determine the overall length of a scale required for your microfilm reader, multiply 7.4mm by the enlargement factor of your lens. To determine the bar widths along the bar scale, Multiply 0.24mm by the same factor. A space between each bar should exist that is 1/2 the bar width.

2.3 BLIP ENCODING

The LANDSAT microfilm images have also been annotated with a blip (black spot) at the base of each frame. This type of encoding is designed for use on readers with an electronic sensing and counting capability or an odometer. To use the blip encoding retrieval system, the film will have to be placed in a cartridge. When the cartridge is placed in a reader which contains an odometer or has a keyboard attached, the identification of the desired image is obtained from the Standard Catalog (column 6, Microfilm Position) and either punched on the keyboard or read via the odometer as the film advances. Using a reader configured for rapid search and retrieval, the film advances and the frames (blips) are counted by means of a photosensing light. When the appropriate number has been counted, the reader stops and the desired image is projected on the screen. Using a reader with an odometer requires the user to monitor the odometer as the film advances and stop the advance of the film in the vicinity of the required frame.

SECTION 3 — CYCLE CHARTS
SECTION 3.1 — LANDSAT 1 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
First 8 days	1	8	24 Jul 72	31 Jul 72	16	279	296	28 Apr 73	15 May 73
1	9	26	1 Aug 72	18 Aug 72	17	297	314	16 May 73	2 Jun 73
2	27	44	19 Aug 72	5 Sep 72	18	315	332	3 Jun 73	20 Jun 73
3	45	62	6 Sep 72	23 Sep 72	19	333	350	21 Jun 73	8 Jul 73
4	63	80	24 Sep 72	11 Oct 72	20	351	368	9 Jul 73	26 Jul 73
5	81	98	12 Oct 72	29 Oct 72	21	369	386	27 Jul 73	13 Aug 73
6	99	116	30 Oct 72	16 Nov 72	22	387	404	14 Aug 73	31 Aug 73
7	117	134	17 Nov 72	4 Dec 72	23	405	422	1 Sep 73	18 Sep 73
8	135	152	5 Dec 72	22 Dec 72	24	423	440	19 Sep 73	6 Oct 73
9	153	170	23 Dec 72	9 Jan 73	25	441	458	7 Oct 73	24 Oct 73
10	171	188	10 Jan 73	27 Jan 73	26	459	476	25 Oct 73	11 Nov 73
11	189	206	28 Jan 73	14 Feb 73	27	477	494	12 Nov 73	29 Nov 73
12	207	224	15 Feb 73	4 Mar 73	28	495	512	30 Nov 73	17 Dec 73
13	225	242	5 Mar 73	22 Mar 73	29	513	530	18 Dec 73	4 Jan 74
14	243	260	23 Mar 73	9 Apr 73	30	531	548	5 Jan 74	22 Jan 74
15	261	278	10 Apr 73	27 Apr 73	31	549	566	23 Jan 74	9 Feb 74

SECTION 3.1 — LANDSAT 1 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
32	567	584	10 Feb 74	27 Feb 74	48	855	872	25 Nov 74	12 Dec 74
33	585	602	28 Feb 74	17 Mar 74	49	873	890	13 Dec 74	30 Dec 74
34	603	620	18 Mar 74	4 Apr 74	50	891	908	31 Dec 74	17 Jan 75
35	621	638	5 Apr 74	22 Apr 74	51	909	926	18 Jan 75	4 Feb 75
36	639	656	23 Apr 74	11 May 74	52	927	944	5 Feb 75	22 Feb 75
37	657	674	12 May 74	28 May 74	53	945	962	23 Feb 75	12 Mar 75
38	675	692	29 May 74	15 Jun 74	54	963	980	13 Mar 75	30 Mar 75
39	693	710	16 Jun 74	3 Jul 74	55	981	998	31 Mar 75	17 Apr 75
40	711	728	4 Jul 74	21 Jul 74	56	999	1016	18 Apr 75	5 May 75
41	729	746	22 Jul 74	8 Aug 74	57	1017	1034	6 May 75	23 May 75
42	747	764	9 Aug 74	26 Aug 74	58	1035	1052	24 May 75	10 Jun 75
43	765	782	27 Aug 74	13 Sep 74	59	1053	1070	11 Jun 75	28 Jun 75
44	783	800	14 Sep 74	1 Oct 74	60	1071	1088	29 Jun 75	16 Jul 75
45	801	818	2 Oct 74	19 Oct 74	61	1089	1106	17 Jul 75	3 Aug 75
46	819	836	20 Oct 74	6 Nov 74	62	1107	1124	4 Aug 75	21 Aug 75
47	837	854	7 Nov 74	24 Nov 74	63	1125	1142	22 Aug 75	8 Sep 75

SECTION 3.1 — LANDSAT 1 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
64	1143	1160	9 Sep 75	26 Sep 75	80	1431	1448	23 Jun 76	10 Jul 76
65	1161	1178	27 Sep 75	14 Oct 75	81	1449	1466	11 Jul 76	28 Jul 76
66	1179	1196	15 Oct 75	1 Nov 75	82	1467	1484	29 Jul 76	15 Aug 76
67	1197	1214	2 Nov 75	19 Nov 75	83	1485	1502	16 Aug 76	2 Sep 76
68	1215	1232	20 Nov 75	7 Dec 75	84	1503	1520	3 Sep 76	20 Sep 76
69	1233	1250	8 Dec 75	25 Dec 75	85	1521	1538	21 Sep 76	8 Oct 76
70	1251	1268	26 Dec 75	12 Jan 76	86	1539	1556	9 Oct 76	26 Oct 76
71	1269	1286	13 Jan 76	30 Jan 76	87	1557	1574	27 Oct 76	13 Nov 76
72	1287	1304	31 Jan 76	17 Feb 76	88	1575	1592	14 Nov 76	1 Dec 76
73	1305	1322	18 Feb 76	6 Mar 76	89	1593	1610	2 Dec 76	19 Dec 76
74	1323	1340	7 Mar 76	24 Mar 76	90	1611	1628	20 Dec 76	6 Jan 77
75	1341	1358	25 Mar 76	11 Apr 76	91	1629	1646	7 Jan 77	24 Jan 77
76	1359	1376	12 Apr 76	29 Apr 76	92	1647	1664	25 Jan 77	11 Feb 77
77	1377	1394	30 Apr 76	17 May 76	93	1665	1682	12 Feb 77	1 Mar 77
78	1395	1412	18 May 76	4 Jun 76	94	1683	1700	2 Mar 77	19 Mar 77
79	1413	1430	5 Jun 76	22 Jun 76	95	1701	1718	20 Mar 77	6 Apr 77

SECTION 3.2 — LANDSAT 2 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
First 22 days	1	22	22 Jan 75	13 Feb 75	19	347	364	4 Jan 76	21 Jan 76
1	23	40	14 Feb 75	3 Mar 75	20	365	382	22 Jan 76	8 Feb 76
2	41	58	4 Mar 75	21 Mar 75	21	383	400	9 Feb 76	26 Feb 76
3	59	76	22 Mar 75	8 Apr 75	22	401	418	27 Feb 76	15 Mar 76
4	77	94	9 Apr 75	26 Apr 75	23	419	436	16 Mar 76	2 Apr 76
5	95	112	27 Apr 75	14 May 75	24	437	454	3 Apr 76	20 Apr 76
6	113	130	15 May 75	1 Jun 75	25	455	472	21 Apr 76	8 May 76
7	131	148	2 Jun 75	19 Jun 75	26	473	490	9 May 76	26 May 76
8	149	188	20 Jun 75	7 Jul 75	27	491	508	27 May 76	13 Jun 76
9	167	184	8 Jul 75	25 Jul 75	28	509	526	14 Jun 76	1 Jul 76
10	185	202	26 Jul 75	12 Aug 75	29	527	544	2 Jul 76	19 Jul 76
11	203	220	13 Aug 75	30 Aug 75	30	545	562	20 Jul 76	6 Aug 76
12	221	238	31 Aug 75	17 Sep 75	31	563	580	7 Aug 76	24 Aug 76
13	239	256	18 Sep 75	5 Oct 75	32	581	598	25 Aug 76	11 Sep 76
14	257	274	6 Oct 75	23 Oct 75	33	599	616	12 Sep 76	29 Sep 76
15	275	292	24 Oct 75	10 Nov 75	34	617	634	30 Sep 76	17 Oct 76
16	293	310	11 Nov 75	28 Nov 75	35	635	652	18 Oct 76	4 Nov 76
17	311	328	29 Nov 75	16 Dec 75	36	653	670	5 Nov 76	22 Nov 76
18	329	346	17 Dec 75	3 Jan 76	37	671	688	23 Nov 76	10 Dec 76

COORDINATE LISTING

03120 SEP 30, '75

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0353

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
17957E 6020N	1969-22285	00000/0000	1-10035/1195	09/19/75	20	3515	26.2	152.2		GGGG	
17954E 6002N	1807-22351	00000/0000	1-10030/1331	10/08/74	100	1256	22.4	160.5		P PP	
17954E 5553N	1967-22185	00000/0000	1-10035/1111	03/17/75	50	3487	28.6	148.3		GGGG	
17953E 6007N	1825-22350	00000/0000	1-10031/0792	10/26/74	90	1507	16.0	162.4		PPPP	
17952E 5258N	1786-22204	00000/0000	1-10030/0312	09/17/74	100	963	35.6	150.7		GGGP	
17951E 5308N	1840-22191	00000/0000	1-10031/1160	11/10/74	100	1716	17.3	158.7		PGP	
17945E 5954N	1789-22354	00000/0000	1-10030/0573	09/20/74	90	1005	29.2	157.5		G GG	
17943E 6003N	1951-22294	00000/0000	1-10036/0014	03/01/75	40	3264	19.4	152.7		GGGG	
17943E 5955N	1771-22362	00000/0000	1-10029/0796	09/02/74	80	754	35.6	154.2		GGGG	
17943E 5309N	1822-22200	00000/0000	1-10031/0474	10/23/74	80	1465	22.9	157.4		GGGG	
17942E 5302N	1984-22130	00000/0000	1-10036/0667	04/03/75	100	3724	37.2	144.4		GGGG	
17936E 5956N	1753-22371	00000/0000	1-10027/1800	08/15/74	100	503	41.3	151.1		GGGG	
17925E 5715N	1806-22302	00000/0000	1-10031/0093	10/07/74	90	1242	25.1	158.1		GPPG	
17924E 5717N	1824-22301	00000/0000	1-10031/0549	10/25/74	90	1493	18.7	160.3		GGGG	
17918E 5141N	1804-22203	00000/0000	1-10030/1072	10/05/74	70	1214	30.2	153.6		PG	
17916E 5435N	1841-22243	00000/0000	1-10032/0538	11/11/74	50	1730	15.8	159.6		PPGP	
17916E 5430N	1805-22252	00000/0000	1-10030/1126	10/06/74	60	1228	27.7	155.9		GGGG	
17911E 5433N	1823-22251	00000/0000	1-10031/0525	10/24/74	50	1479	21.3	158.4		G PP	
17908E 5144N	1840-22194	00000/0000	1-10031/1161	11/10/74	100	1716	18.5	158.0		FP	
17906E 5432N	1949-22200	00000/0000	1-10035/0478	02/27/75	100	3236	22.6	148.7		GFGG	
17903E 5419N	1769-22264	00000/0000	1-10029/0718	08/31/74	90	726	40.3	148.0		GGGG	
17900E 5144N	1822-22202	00000/0000	1-10031/0475	10/23/74	70	1465	24.0	156.5		GPPG	
17900E 5137N	1984-22133	00000/0000	1-10036/0643	04/03/75	100	3724	38.1	143.1		F	
17856E 5840N	1807-22354	00000/0000	1-10030/1335	10/08/74	90	1256	23.6	159.4		GP	
17854E 5844N	1825-22352	00000/0000	1-10031/0793	10/26/74	90	1507	17.2	161.4		PPPG	
17846E 5832N	1771-22365	00000/0000	1-10029/0797	09/02/74	100	754	36.6	152.8		GPPG	
17844E 5840N	1951-22301	00000/0000	1-10036/0015	03/01/75	90	3264	20.4	151.6		FGGG	
17835E 5551N	1806-22304	00000/0000	1-10031/0094	10/07/74	60	1242	26.2	157.1		PPP	
17833E 5553N	1824-22303	00000/0000	1-10031/0550	10/25/74	80	1493	19.9	159.4		GGGG	
17831E 5306N	1805-22255	00000/0000	1-10030/1127	10/06/74	40	1228	28.8	154.9		FGGG	
17830E 5310N	1841-22245	00000/0000	1-10032/0539	11/11/74	50	1730	17.0	158.8		PPGG	
17829E 6008N	1826-22404	00000/0000	1-10031/0621	10/27/74	100	1521	15.7	162.5		GPPP	
17828E 5554N	1968-22243	00000/0000	1-10035/1164	03/18/75	50	3501	29.0	148.3		GGGG	
17827E 6005N	1808-22410	00000/0000	1-10031/0148	10/09/74	80	1270	22.0	160.6		GPP	
17827E 5310N	1823-22254	00000/0000	1-10031/0526	10/24/74	50	1479	22.5	157.5		G PG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
17821E	5308N	1949-22202	00000/0000	1-10035/0479	02/27/75	90	3236	23.6	147.7		GF	G			
17821E	5304N	1967-22194	00000/0000	1-10035/1112	03/17/75	40	3487	30.6	146.0		GF	G			
17819E	5955N	1790-22412	00000/0000	1-10030/0446	09/21/74	100	1019	28.8	157.7		G	GP			
17819E	5255N	1769-22271	00000/0000	1-10029/0719	08/31/74	100	726	41.3	146.5		GP	G			
17816E	6006N	1952-22352	00000/0000	1-10035/0580	03/02/75	100	3278	19.8	152.7		GG	GF			
17814E	5959N	1736-22433	00000/0000	1-10027/0925	07/29/74	30	266	45.7	149.1		GP	G			
17812E	5953N	1772-22421	00000/0000	1-10029/0849	09/03/74	90	768	36.2	154.4		GP	G			
17803E	5734N	1969-22294	00000/0000	1-10035/1196	03/19/75	40	3515	28.2	149.6		GG	G			
17802E	5717N	1807-22360	00000/0000	1-10030/1332	10/08/74	80	1256	24.7	158.3		G	PG			
17800E	5721N	1825-22355	00000/0000	1-10031/0794	10/26/74	80	1507	18.4	160.4		PG	GP			
17750E	5717N	1951-22303	00000/0000	1-10036/0016	03/01/75	70	3264	21.4	150.5		PG	GF			
17749E	5142N	1805-22261	00000/0000	1-10030/1128	10/06/74	20	1228	29.9	153.9		PG	G			
17747E	5427N	1806-22311	00000/0000	1-10031/0095	10/07/74	80	1242	27.3	156.0		PP	PG			
17746E	5145N	1841-22252	00000/0000	1-10032/0540	11/11/74	70	1730	18.2	158.0		PP	PG			
17745E	5429N	1824-22310	00000/0000	1-10031/0551	10/25/74	60	1493	21.1	158.5		GG	G			
17745E	5146N	1823-22260	00000/0000	1-10031/0527	10/24/74	50	1479	23.6	156.7		P	GP			
17740E	5430N	1968-22245	00000/0000	1-10035/1165	03/18/75	50	3501	30.0	147.1		GG	G			
17739E	5143N	1949-22205	00000/0000	1-10035/0480	02/27/75	70	3236	24.6	146.7		GG	G			
17738E	5140N	1967-22200	00000/0000	1-10035/1113	03/17/75	30	3487	31.5	144.8		GF	G			
17730E	5845N	1826-22410	00000/0000	1-10031/0622	10/27/74	90	1521	16.9	161.5		GG	PP			
17729E	5842N	1808-22412	00000/0000	1-10031/0149	10/09/74	60	1270	23.2	159.5		GG	G			
17722E	5832N	1790-22414	00000/0000	1-10030/0448	09/21/74	100	1019	29.9	156.5		GP	GP			
17717E	5842N	1952-22355	00000/0000	1-10035/0581	03/02/75	90	3278	20.8	151.6		GF	FG			
17715E	5830N	1772-22423	00000/0000	1-10029/0850	09/03/74	90	768	36.3	153.0		GP	G			
17711E	5610N	1969-22300	00000/0000	1-10035/1197	03/19/75	40	3515	29.2	148.4		GG	G			
17711E	5553N	1807-22363	00000/0000	1-10030/1333	10/08/74	90	1256	25.8	157.2		P	PG			
17709E	5558N	1825-22361	00000/0000	1-10031/0795	10/26/74	80	1507	19.5	159.5		PP	GP			
17701E	5305N	1824-22312	00000/0000	1-10031/0552	10/25/74	60	1493	22.2	157.6		GG	G			
17701E	5303N	1806-22313	00000/0000	1-10031/0096	10/07/74	80	1242	28.4	155.0		PP	PP			
17700E	5306N	1842-22304	00000/0000	1-10031/1187	11/12/74	100	1744	16.8	158.8		PP				
17659E	5553N	1951-22310	00000/0000	1-10036/0017	03/01/75	100	3264	22.4	149.5		GG	G			
17655E	5305N	1968-22252	00000/0000	1-10035/1166	03/18/75	40	3501	30.9	145.9		GG	GF			
17636E	5718N	1808-22415	00000/0000	1-10031/0150	10/09/74	70	1270	24.3	158.5		PG	PP			
17635E	5721N	1826-22413	00000/0000	1-10031/0623	10/27/74	90	1521	18.0	160.5		GG	PP			
17629E	5709N	1790-22421	00000/0000	1-10030/0449	09/21/74	100	1019	31.0	155.2		GP	GP			

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS				
LONG	LAT											B	P	P	B	P
17623E	5719N	1952-22361	00000/0000	1-10035/0582	03/02/75	90	3278	21.8	150.5		GGGF					
17623E	5429N	1807-22365	00000/0000	1-10030/1334	10/08/74	60	1256	27.0	156.2		G PG					
17622E	5446N	1969-22303	00000/0000	1-10035/1198	03/19/75	50	3515	30.2	147.2		GGFE					
17620E	5434N	1825-22364	00000/0000	1-10031/0796	10/26/74	70	1507	20.7	158.6		GGGG					
17613E	5141N	1968-22254	00000/0000	1-10035/1167	03/18/75	50	3501	31.9	144.8		GFGG					
17611E	5430N	1951-22312	00000/0000	1-10036/0018	03/01/75	100	3264	23.4	148.5		FGGG					
17545E	5555N	1808-22421	00000/0000	1-10031/0151	10/09/74	80	1270	25.4	157.4		GGGG					
17544E	5558N	1826-22415	00000/0000	1-10031/0624	10/27/74	70	1521	19.2	159.6		PGGP					
17539E	5546N	1790-22423	00000/0000	1-10030/0450	09/21/74	80	1019	32.1	154.0		GPGR					
17536E	5321N	1969-22305	00000/0000	1-10035/1199	03/19/75	50	3515	31.1	146.0		GGGG					
17533E	5555N	1952-22364	00000/0000	1-10035/0583	03/02/75	80	3278	22.8	149.4		GGFG					
17509E	5720N	1809-22473	00000/0000	1-10030/1257	10/10/74	80	1284	23.9	158.6		PGGP					
17505E	5720N	1827-22471	00000/0000	1-10031/0051	10/28/74	80	1535	17.7	160.6		GGGR					
17501E	5717N	1953-22470	00000/0000	1-10035/1089	03/03/75	80	3292	22.2	150.4		FFGE					
17500E	5708N	1791-22475	00000/0000	1-10030/0513	09/22/74	30	1033	30.6	155.4		GPP					
17457E	5431N	1808-22424	00000/0000	1-10031/0152	10/09/74	90	1270	26.6	156.4		GGPG					
17456E	5434N	1826-22472	00000/0000	1-10031/0625	10/27/74	70	1521	20.4	158.7		PGPR					
17451E	5423N	1790-22430	00000/0000	1-10030/0451	09/21/74	90	1019	33.1	152.8		GPPP					
17450E	5431N	1844-22414	00000/0000	1-10032/0133	11/14/74	30	1772	15.0	159.6		PGPG					
17419E	5556N	1809-22475	00000/0000	1-10030/1251	10/10/74	90	1284	25.1	157.6		P GR					
17414E	5557N	1827-22474	00000/0000	1-10031/0052	10/28/74	20	1535	18.9	159.7		GGGP					
17410E	5554N	1953-22422	00000/0000	1-10035/1090	03/03/75	60	3292	23.2	149.3		GGFG					
17410E	5544N	1791-22482	00000/0000	1-10030/0514	09/22/74	20	1033	31.7	154.2		PPP					
17331E	5432N	1809-22482	00000/0000	1-10030/1252	10/10/74	100	1284	26.2	156.6		P G					
17326E	5433N	1827-22480	00000/0000	1-10031/0053	10/28/74	80	1535	20.0	158.8		PGGR					
17324E	5431N	1845-22472	00000/0000	1-10032/0696	11/15/74	60	1786	14.8	159.6		GP G					
17322E	5421N	1791-22484	00000/0000	1-10030/0515	09/22/74	50	1033	32.8	153.0		GPPP					
17321E	5430N	1953-22425	00000/0000	1-10035/1091	03/03/75	60	3292	24.2	148.3		FGFG					
06342W	4720N	1793-14255	00000/0000	1-10030/0411	09/24/74	30	1056	37.4	147.7		GGGR					
06343W	4720N	1775-14264	00000/0000	00000/0000	09/06/74	10	805	43.3	142.4		PPP					
06344W	4730N	1811-14253	00000/0000	1-10030/1298	10/12/74	100	1307	31.2	152.0		PPPG					
06345W	4733N	1829-14251	00000/0000	1-10031/0757	10/30/74	80	1558	25.3	154.9		PPGP					
06346W	4731N	5081-14132	00000/0000	1-10039/0501	07/09/75	40	5072	54.4	123.6		GGGG					
06347W	4735N	1955-14195	00000/0000	1-10035/0651	03/05/75	0	3315	29.5	143.2		GGGG				M	
06347W	4722N	1739-14280	00000/0000	1-10027/1028	08/01/74	30	303	52.7	132.1		GGGG					

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS				
LONG	LAT											B	P	P	B	P
06347W	4717N	1757-14272	00000/0000	1-10028/0079	08/19/74	10	554	48.4	136.9		PPGG					
06348W	4731N	1991-14181	00000/0000	1-10037/0137	04/10/75	90	3817	43.1	138.0		GGGG					
06348W	4725N	1847-14243	00000/0000	1-10032/0184	11/17/74	20	1809	20.2	156.0		G R					
06350W	4726N	1865-14234	00000/0000	1-10032/0819	12/05/74	90	2060	16.6	155.5		PGGG					
06350W	4722N	1883-14230	00000/0000	1-10033/0240	12/23/74	50	2311	15.0	153.8		GFGG					
06351W	4731N	1973-14190	00000/0000	1-10036/0120	03/23/75	100	3566	36.4	140.7		GGGG					
06351W	4717N	1901-14222	00000/0000	1-10033/0827	01/10/75	100	2562	15.6	151.2		GGGG					
06353W	4720N	5009-14172	00000/0000	1-10037/0710	04/28/75	70	4068	49.0	134.5		GGGG					
06355W	4722N	5027-14162	00000/0000	1-10038/0210	05/16/75	60	4319	53.3	130.5		PFGG					
06419W	4607N	1829-14253	00000/0000	1-10031/0758	10/30/74	100	1558	26.4	154.1		GPPG					
06419W	4605N	1811-14260	00000/0000	1-10030/1299	10/12/74	100	1307	32.3	151.1		PPPG					
06420W	4605N	5081-14134	00000/0000	1-10039/0502	07/09/75	50	5072	54.9	121.4		GGFG					
06423W	4610N	1955-14202	00000/0000	1-10035/0652	03/05/75	10	3315	30.4	142.2		GGGG					
06423W	4605N	1991-14183	00000/0000	1-10037/0138	04/10/75	90	3817	43.9	136.5		GGGG					
06423W	4600N	1847-14245	00000/0000	1-10032/0186	11/17/74	20	1809	21.4	155.3		PP G					
06424W	4601N	1865-14241	00000/0000	1-10032/0820	12/05/74	70	2060	17.7	154.9		GGGG					
06425W	4606N	1973-14193	00000/0000	1-10036/0121	03/23/75	100	3566	37.3	139.5		GGGG					
06429W	4555N	5009-14174	00000/0000	1-10037/0711	04/28/75	90	4068	49.7	132.7		GFGG					
06430W	4557N	5027-14165	00000/0000	1-10038/0211	05/16/75	90	4319	53.9	128.3		PFGG					
06506W	4726N	1794-14313	00000/0000	1-10030/0567	09/25/74	20	1070	37.0	148.0		PGGG					
06509W	4731N	1812-14312	00000/0000	1-10030/1359	10/13/74	60	1321	30.8	152.2		PGGG					
06509W	4724N	1848-14301	00000/0000	1-10032/0191	11/18/74	70	1823	20.0	156.0		P P					
06509W	4720N	1776-14322	00000/0000	1-10029/1022	09/07/74	100	819	43.0	142.7		PPPP					
06513W	4733N	1830-14305	00000/0000	1-10031/0711	10/31/74	100	1572	25.0	155.0		GPPR					
06513W	4731N	1938-14262	00000/0000	1-10034/0448	02/16/75	80	3078	23.6	145.5		GFPG					
06514W	4735N	1956-14253	00000/0000	1-10035/0709	03/06/75	0	3329	29.9	143.1		GGFG					
06514W	4725N	1866-14293	00000/0000	1-10032/1034	12/06/74	20	2074	16.4	155.5		GGFG					
06514W	4722N	1740-14334	00000/0000	1-10027/1039	08/02/74	20	317	52.5	132.4		GGGR					
06514W	4721N	1758-14330	00000/0000	1-10028/0124	08/20/74	30	568	48.1	137.2		PPGP					
06515W	4720N	1884-14284	00000/0000	1-10033/0550	12/24/74	40	2325	14.9	153.6		PPPP					
06517W	4717N	1902-14280	00000/0000	00000/0000	01/11/75	100	2576	15.7	151.0		GGGE					
06518W	4729N	1974-14245	00000/0000	1-10036/0122	03/24/75	30	3580	36.8	140.6		FFGE					
06520W	4721N	5010-14230	00000/0000	1-10038/0144	04/29/75	60	4082	49.3	134.3		FFGG					
06521W	4722N	5028-14220	00000/0000	1-10038/0301	05/17/75	10	4333	53.4	130.2		FFFG					
06541W	4600N	1794-14315	00000/0000	1-10030/0568	09/25/74	10	1070	38.1	146.8		PGGG					

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STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
06544W	4606N	1812-14314	00000/0000	1-10030/1360	10/13/74	30	1321	31.9	151.3	PGGG	
06544W	4559N	1848-14303	00000/0000	1-10032/0192	11/18/74	70	1823	21.1	155.3	P P	
06544W	4556N	1776-14324	00000/0000	1-10029/1023	09/07/74	100	819	43.9	141.3	GGGP	
06548W	4607N	1830-14312	00000/0000	1-10031/0712	10/31/74	100	1572	26.1	154.2	PPPP	
06548W	4558N	1740-14341	00000/0000	1-10027/1040	08/02/74	20	317	53.2	130.3	GGGG	
06549W	4610N	1956-14260	00000/0000	1-10035/0710	03/06/75	30	3329	30.8	142.1	GFFG	
06549W	4606N	1938-14265	00000/0000	1-10034/0449	02/16/75	70	3078	24.6	144.7	GG F	
06549W	4555N	1758-14333	00000/0000	1-10028/0125	08/20/74	20	568	48.9	135.5	PPGG	
06550W	4600N	1866-14295	00000/0000	1-10032/1035	12/06/74	10	2074	17.6	154.8	FFGG	
06550W	4555N	1884-14291	00000/0000	1-10033/0551	12/24/74	90	2325	16.1	153.0	FFFP	
06551W	4552N	1902-14282	00000/0000	00000/0000	01/11/75	100	2576	16.8	150.4	GPFG	
06552W	4603N	5064-14203	00000/0000	1-10039/0013	06/22/75	50	4835	56.3	121.4	FGGG	
06554W	4604N	1974-14251	00000/0000	1-10036/0123	03/24/75	20	3580	37.7	139.3	GGGF	
06556W	4557N	5028-14223	00000/0000	1-10038/0302	05/17/75	0	4333	54.1	128.1	PGFG	
06556W	4556N	5010-14232	00000/0000	1-10038/0145	04/29/75	70	4082	50.0	132.5	FGGG	
06615W	4435N	1794-14372	00000/0000	1-10030/0569	09/25/74	40	1070	39.1	145.7	GGGG	
06618W	4441N	1812-14321	00000/0000	1-10030/1361	10/13/74	10	1321	33.0	150.4	PPGP	
06618W	4433N	1848-14310	00000/0000	1-10032/0193	11/18/74	80	1823	22.3	154.6	P PP	
06618W	4431N	1776-14331	00000/0000	1-10029/1024	09/07/74	100	819	44.8	139.8	GGGP	
06621W	4442N	1830-14314	00000/0000	1-10031/0713	10/31/74	100	1572	27.2	153.4	GPP	
06621W	4433N	1740-14343	00000/0000	1-10027/1041	08/02/74	40	317	53.8	128.3	GGGG	
06622W	4430N	1758-14335	00000/0000	1-10028/0126	08/20/74	0	568	49.7	133.8	PPGG	
06623W	4445N	1956-14262	00000/0000	1-10035/0711	03/06/75	80	3329	31.7	141.0	FFFG	
06623W	4441N	1938-14271	00000/0000	1-10034/0450	02/16/75	50	3078	25.6	143.9	FF F	
06623W	4434N	1866-14302	00000/0000	1-10032/1036	12/06/74	30	2074	18.7	154.2	FGGG	
06624W	4430N	1884-14293	00000/0000	1-10033/0552	12/24/74	90	2325	17.2	152.4	FFFG	
06624W	4427N	1902-14285	00000/0000	00000/0000	01/11/75	90	2576	17.9	149.7	GGGG	
06625W	4438N	5064-14205	00000/0000	1-10039/0014	06/22/75	10	4835	56.7	119.0	FGGG	
06628W	4438N	1974-14254	00000/0000	1-10036/0124	03/24/75	10	3580	38.5	138.1	FFGF	
06629W	4432N	5010-14235	00000/0000	1-10038/0146	04/29/75	60	4082	50.7	130.6	FGGG	
06630W	4432N	5028-14225	00000/0000	1-10038/0303	05/17/75	0	4333	54.7	125.9	FFGG	
06631W	4723N	1795-14371	00000/0000	1-10030/0689	09/26/74	100	1084	36.7	148.2	PGG	
06635W	4733N	1813-14370	00000/0000	1-10030/1377	10/14/74	70	1335	30.5	152.5	GGP	
06636W	4718N	1777-14380	00000/0000	1-10029/1029	09/08/74	70	833	42.6	143.0	GGPG	
06637W	4734N	1939-14320	00000/0000	1-10034/0422	02/17/75	0	3092	23.9	145.4	GGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
06639W	4726N	1849-14355	00000/0000	1-10032/0303	11/19/74	60	1837	19.7	156.0		PPPP				
06639W	4722N	1759-14384	00000/0000	1-10029/0062	08/21/74	10	582	47.9	137.5		GGGG				
06640W	4735N	1957-14312	00000/0000	1-10035/0792	03/07/75	70	3343	30.2	143.0		GGGG				
06640W	4723N	1741-14392	00000/0000	1-10027/1130	08/03/74	50	331	52.3	132.6		GGGG				
06641W	4725N	1867-14351	00000/0000	1-10032/0906	12/07/74	80	2088	16.3	155.4		GGFG				
06641W	4721N	1885-14342	00000/0000	1-10033/0315	12/25/74	80	2339	14.9	153.5		FFTF				
06643W	4729N	1975-14303	00000/0000	1-10036/0339	03/25/75	100	3594	37.1	140.4		FGFG				
06643W	4720N	1921-14325	00000/0000	1-10034/0001	01/30/75	30	2841	19.0	148.0		GGGG				
06646W	4727N	5065-14254	00000/0000	1-10039/0169	06/23/75	70	4849	55.8	123.7		GGG				
06647W	4310N	1794-14324	00000/0000	1-10030/0570	09/25/74	90	1070	40.0	144.5		GGGG				
06648W	4723N	5029-14274	00000/0000	1-10038/0354	05/18/75	0	4347	53.6	130.0		P GG				
06650W	4308N	1848-14312	00000/0000	1-10032/0194	11/18/74	60	1823	23.4	153.9		PGGG				
06651W	4316N	1812-14323	00000/0000	1-10030/1362	10/13/74	40	1321	34.1	149.4		PGFG				
06651W	4306N	1776-14333	00000/0000	1-10029/1025	09/07/74	100	819	45.6	138.4		PGGG				
06654W	4317N	1830-14321	00000/0000	1-10031/0714	10/31/74	90	1572	28.4	152.6		PPPP				
06654W	4308N	1866-14304	00000/0000	1-10032/1037	12/06/74	30	2074	19.9	153.6		FGGG				
06654W	4307N	1740-14350	00000/0000	1-10027/1042	08/02/74	10	317	54.4	126.1		GGGG				
06654W	4306N	1758-14342	00000/0000	1-10028/0127	08/20/74	0	568	50.4	132.0		PPP				
06655W	4319N	1956-14265	00000/0000	1-10035/0712	03/06/75	100	3329	32.6	140.0		FFFG				
06655W	4315N	1938-14274	00000/0000	1-10034/0451	02/16/75	90	3078	26.5	143.0		FFPF				
06656W	4302N	1902-14291	00000/0000	00000/0000	01/11/75	90	2576	18.9	149.1		GGGG				
06657W	4313N	5064-14212	00000/0000	1-10039/0015	06/22/75	10	4835	57.1	116.5		FFGG				
06657W	4305N	1884-14300	00000/0000	1-10033/0553	12/24/74	90	2325	18.3	151.8		PPPP				
06701W	4313N	1974-14260	00000/0000	1-10036/0125	03/24/75	10	3580	39.3	136.8		PPFF				
06701W	4307N	5010-14241	00000/0000	1-10038/0147	04/29/75	30	4082	51.4	128.7		FGGG				
06703W	4307N	5028-14232	00000/0000	1-10038/0304	05/17/75	0	4333	55.2	123.7		FFFG				
06706W	4558N	1795-14374	00000/0000	1-10030/0690	09/26/74	90	1084	37.7	147.1		GGG				
06710W	4608N	1813-14373	00000/0000	1-10030/1378	10/14/74	70	1335	31.6	151.5		PGGG				
06711W	4553N	1777-14383	00000/0000	1-10029/1030	09/08/74	60	833	43.6	141.6		GGGG				
06713W	4609N	1939-14323	00000/0000	1-10034/0423	02/17/75	0	3092	24.9	144.6		GGGG				
06713W	4558N	1759-14391	00000/0000	1-10029/0063	08/21/74	20	582	48.7	135.8		GGGG				
06714W	4607N	1831-14370	00000/0000	1-10031/0751	11/01/74	100	1586	25.8	154.3		PPPP				
06715W	4610N	1957-14314	00000/0000	1-10035/0793	03/07/75	50	3343	31.1	141.9		GGGG				
06715W	4601N	1849-14362	00000/0000	1-10032/0304	11/19/74	90	1837	20.9	155.3		PPPP				
06715W	4558N	1741-14395	00000/0000	1-10027/1131	08/03/74	80	331	52.9	130.6		GGGG				

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
06716W	4559N	1867-14353	00000/0000	1-10032/0907	12/07/74	40	2088	17.4	154.8		GGGG					
06717W	4556N	1885-14345	00000/0000	1-10033/0316	12/25/74	90	2339	16.0	152.9		FFFF					
06717W	4555N	1921-14332	00000/0000	1-10034/0002	01/30/75	20	2841	20.0	147.3		GGGG					
06718W	4604N	1975-14305	00000/0000	1-10036/0340	03/25/75	100	3594	38.0	139.2		PGGG					
06720W	4601N	5065-14261	00000/0000	1-10039/0170	06/23/75	60	4849	56.2	121.3		PGFG					
06723W	4558N	5029-14281	00000/0000	1-10038/0355	05/18/75	20	4347	54.2	127.9		P GG					
06739W	4433N	1795-14380	00000/0000	1-10030/0691	09/26/74	50	1084	38.8	145.9		PGGG					
06744W	4442N	1813-14375	00000/0000	1-10030/1379	10/14/74	70	1335	32.7	150.6		GGP					
06744W	4428N	1777-14385	00000/0000	1-10029/1031	09/08/74	70	833	44.5	140.2		GGGG					
06747W	4443N	1939-14325	00000/0000	1-10034/0424	02/17/75	0	3092	25.8	143.7		PGFG					
06747W	4433N	1759-14393	00000/0000	1-10029/0064	08/21/74	20	582	49.4	134.1		GGGP					
06748W	4442N	1831-14372	00000/0000	1-10031/0752	11/01/74	70	1586	26.9	153.5		PPPP					
06748W	4435N	1849-14364	00000/0000	1-10032/0305	11/19/74	20	1837	22.1	154.6		PPPP					
06748W	4432N	1741-14401	00000/0000	1-10027/1132	08/03/74	60	331	53.6	128.5		GGGG					
06749W	4445N	1957-14321	00000/0000	1-10035/0794	03/07/75	50	3343	32.1	140.9		GGGG					
06749W	4434N	1867-14360	00000/0000	1-10032/0908	12/07/74	20	2088	18.6	154.2		GGGG					
06751W	4439N	1975-14312	00000/0000	1-10036/0341	03/25/75	90	3594	38.9	137.9		PGFG					
06751W	4430N	1885-14351	00000/0000	1-10033/0317	12/25/74	100	2339	17.1	152.3		FFFF					
06751W	4430N	1921-14334	00000/0000	1-10034/0003	01/30/75	30	2841	21.0	146.6		GGGG					
06756W	4433N	5029-14283	00000/0000	1-10038/0356	05/18/75	30	4347	54.8	125.7		P GG					
06757W	4725N	1796-14425	00000/0000	1-10030/0695	09/27/74	60	1098	36.4	148.5		GGPG					
06758W	4734N	1814-14425	00000/0000	1-10030/1471	10/15/74	100	1349	30.1	152.7		PGGP					
06803W	4718N	1778-14434	00000/0000	1-10029/1076	09/09/74	20	847	42.3	143.3		GGGG					
06804W	4732N	1940-14375	00000/0000	1-10034/0439	02/18/75	100	3106	24.3	145.2		GGGG					
06804W	4728N	1850-14413	00000/0000	1-10032/0320	11/20/74	20	1851	19.5	156.0		PP G					
06804W	4723N	1760-14442	00000/0000	1-10029/0042	08/22/74	10	596	47.6	137.8		GGGG					
06805W	4735N	1958-14370	00000/0000	1-10035/0884	03/08/75	100	3357	30.6	142.8		GGFG					
06805W	4731N	1832-14422	00000/0000	1-10031/0803	11/02/74	80	1600	24.3	155.2		PGGG					
06806W	4727N	1868-14405	00000/0000	1-10032/0913	12/08/74	90	2102	16.1	155.3		PGGG					
06807W	4733N	1976-14361	00000/0000	1-10036/0345	03/26/75	80	3608	37.5	140.3		PGFE					
06808W	4725N	1922-14383	00000/0000	1-10035/0046	01/31/75	0	2855	19.2	147.9		GGGG					
06808W	4719N	1742-14451	00000/0000	1-10027/0968	08/04/74	80	345	52.1	132.8		GGGP					
06811W	4725N	5012-14342	00000/0000	1-10038/0072	05/01/75	0	4110	49.8	133.9		GGGG					
06811W	4307N	1795-14383	00000/0000	1-10030/0692	09/26/74	20	1084	39.7	144.8		PGGP					
06814W	4721N	5030-14333	00000/0000	1-10038/0069	05/19/75	50	4361	53.8	129.7		P FG					

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P P B P C C D D
06816W 4317N	1813-14382	00000/0000	1-10030/1380	10/14/74	90	1335	33.7	149.6		PQPG	
06817W 4304N	1777-14392	00000/0000	1-10029/1032	09/08/74	80	833	45.3	138.7		GGGG	
06819W 4308N	1759-14400	00000/0000	1-10029/0065	08/21/74	60	582	50.2	132.3		GPQG	
06820W 4318N	1939-14332	00000/0000	1-10034/0425	02/17/75	40	3092	26.8	142.9		GGGG	
06820W 4316N	1831-14375	00000/0000	1-10031/0753	11/01/74	40	1586	28.0	152.7		PPPP	
06820W 4307N	1741-14404	00000/0000	1-10027/1133	08/03/74	70	331	54.2	126.4		GGGG	
06821W 4319N	1957-14323	00000/0000	1-10035/0795	03/07/75	30	3343	32.9	139.9		GGGG	
06821W 4310N	1849-14371	00000/0000	1-10032/0306	11/19/74	10	1837	23.2	154.0		PPPP	
06821W 4309N	1867-14362	00000/0000	1-10032/0909	12/07/74	10	2088	19.7	153.5		GGGG	
06823W 4305N	1885-14354	00000/0000	1-10033/0318	12/25/74	100	2339	18.3	151.7		FFFF	
06823W 4305N	1921-14341	00000/0000	1-10034/0004	01/30/75	50	2841	22.0	145.9		GGGG	
06827W 4308N	5029-14290	00000/0000	1-10038/0357	05/18/75	50	4347	55.4	123.5		P GG	
06832W 4600N	1796-14432	00000/0000	1-10030/0696	09/27/74	80	1098	37.4	147.4		GGPP	
06833W 4609N	1814-14431	00000/0000	1-10030/1472	10/15/74	100	1349	31.2	151.7		GGGG	
06838W 4553N	1778-14441	00000/0000	1-10029/1077	09/09/74	10	847	43.3	141.9		GGGG	M M
06839W 4607N	1940-14381	00000/0000	1-10034/0440	02/18/75	100	3106	25.2	144.4		GGGG	
06839W 4602N	1850-14420	00000/0000	1-10032/0321	11/20/74	60	1851	20.6	155.3		PG G	
06839W 4557N	1760-14445	00000/0000	1-10029/0043	08/22/74	10	596	48.4	136.1		GGPG	
06840W 4609N	1958-14372	00000/0000	1-10035/0885	03/08/75	100	3357	31.5	141.8		GGFG	
06841W 4606N	1832-14424	00000/0000	1-10031/0804	11/02/74	90	1600	25.5	154.4		PGGG	
06841W 4602N	1868-14411	00000/0000	1-10032/0914	12/08/74	100	2102	17.3	154.7		GFGG	
06841W 4143N	1795-14385	00000/0000	1-10030/0693	09/26/74	40	1084	40.7	143.6		PPP	
06842W 4608N	1976-14363	00000/0000	1-10036/0346	03/26/75	90	3608	38.4	139.1		FFGG	
06842W 4601N	1922-14390	00000/0000	1-10035/0047	01/31/75	0	2855	20.2	147.2		GGGG	
06844W 4554N	1742-14453	00000/0000	1-10027/0969	08/04/74	60	345	52.8	130.8		GGGG	
06846W 4600N	5012-14344	00000/0000	1-10038/0073	05/01/75	0	4110	50.5	132.1		GGGG	
06847W 4151N	1813-14384	00000/0000	1-10030/1381	10/14/74	100	1335	34.8	148.7		PGGG	
06848W 4138N	1777-14394	00000/0000	1-10029/1033	09/08/74	90	833	46.2	137.2		GGPG	
06850W 4555N	5030-14335	00000/0000	1-10038/0070	05/19/75	10	4361	54.4	127.6		PPFG	
06850W 4142N	1759-14402	00000/0000	1-10029/0066	08/21/74	80	582	50.9	130.5		GGGG	
06851W 4151N	1831-14381	00000/0000	1-10031/0754	11/01/74	10	1586	29.2	151.9		GPGP	
06851W 4142N	1741-14410	00000/0000	1-10027/1134	08/03/74	50	331	54.8	124.3		GGGG	
06852W 4154N	1957-14330	00000/0000	1-10035/0796	03/07/75	30	3343	33.8	138.8		GGGG	
06852W 4152N	1939-14334	00000/0000	1-10034/0426	02/17/75	40	3092	27.7	142.0		GGGG	
06852W 4144N	1849-14373	00000/0000	1-10032/0307	11/19/74	10	1837	24.3	153.3		PPPP	

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0361

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
06853W	4143N	1867-14365	00000/0000	1-10032/0910	12/07/74	10	2088	20.9	152.9		GGGG				
06854W	4148N	1975-14321	00000/0000	1-10036/0342	03/25/75	100	3594	40.5	135.3		PGFG				
06854W	4140N	1885-14360	00000/0000	1-10033/0319	12/25/74	100	2339	19.4	151.1		FFFF				
06854W	4140N	1921-14343	00000/0000	1-10034/0005	01/30/75	60	2841	23.0	145.2		GGGG				
06858W	4143N	5029-14292	00000/0000	1-10038/0359	05/18/75	60	4347	55.9	121.2		GG				
06906W	4434N	1796-14434	00000/0000	1-10030/0697	09/27/74	20	1098	38.4	146.3		GPPP				
06907W	4444N	1814-14434	00000/0000	1-10030/1473	10/15/74	80	1349	32.3	150.8		GGGG				
06911W	4428N	1778-14443	00000/0000	1-10029/1078	09/09/74	50	847	44.2	140.5		GGGG				
06911W	4018N	1795-14392	00000/0000	1-10030/0694	09/26/74	40	1084	41.7	142.4		GPP				
06912W	4437N	1850-14422	00000/0000	1-10032/0322	11/20/74	90	1851	21.8	154.7		PG G				
06913W	4442N	1940-14384	00000/0000	1-10034/0441	02/18/75	100	3106	26.2	143.5		GGGG				
06913W	4432N	1760-14451	00000/0000	1-10029/0044	08/22/74	20	596	49.2	134.4		GGGG				
06914W	4444N	1958-14375	00000/0000	1-10035/0886	03/08/75	100	3357	32.4	140.7		FGGG				
06914W	4437N	1868-14414	00000/0000	1-10032/0915	12/08/74	90	2102	18.4	154.1		PGGG				
06915W	4443N	1976-14370	00000/0000	1-10036/0347	03/26/75	90	3608	39.2	137.8		FFFG				
06915W	4436N	1922-14392	00000/0000	1-10035/0048	01/31/75	10	2855	21.2	146.5		GGGG				
06916W	4440N	1832-14431	00000/0000	1-10031/0805	11/02/74	60	1600	26.6	153.6		PGGG				
06917W	4429N	1742-14460	00000/0000	1-10027/0970	08/04/74	50	345	53.4	128.7		GGGG				
06917W	4026N	1813-14391	00000/0000	1-10030/1382	10/14/74	50	1335	35.9	147.7		PPPP				
06918W	4013N	1777-14401	00000/0000	1-10029/1034	09/08/74	80	833	47.0	135.7		GP P				
06920W	4434N	5012-14351	00000/0000	1-10038/0074	05/01/75	20	4110	51.2	130.2		GGGG				
06920W	4017N	1759-14405	00000/0000	1-10029/0067	08/21/74	40	582	51.6	128.6		GGGG				
06921W	4016N	1741-14413	00000/0000	1-10027/1135	08/03/74	20	331	55.3	122.1		GGGG				
06922W	4028N	1957-14332	00000/0000	1-10035/0797	03/07/75	50	3343	34.7	137.8		GGFF				
06922W	4026N	1939-14341	00000/0000	1-10034/0427	02/17/75	50	3092	28.7	141.1		GGGG				
06922W	4025N	1831-14384	00000/0000	1-10031/0755	11/01/74	10	1586	30.3	151.1		PGGR				
06922W	4019N	1849-14380	00000/0000	1-10032/0308	11/19/74	30	1837	25.5	152.6		PPPP				
06923W	4430N	5030-14342	00000/0000	1-10038/0071	05/19/75	10	4361	55.0	125.4		PFGG				
06923W	4017N	1867-14371	00000/0000	1-10032/0911	12/07/74	20	2088	22.0	152.3		FGGG				
06924W	4723N	1797-14483	00000/0000	1-10030/0815	09/28/74	80	1112	36.1	148.8		GGGP				
06924W	4015N	1885-14363	00000/0000	1-10033/0320	12/25/74	100	2339	20.4	150.5		FFFF				
06925W	4023N	1975-14323	00000/0000	1-10036/0343	03/25/75	80	3594	41.3	134.0		FGFG				
06930W	4737N	1959-14424	00000/0000	1-10035/0725	03/09/75	0	3371	31.0	142.7		GGFG				
06930W	4735N	1941-14433	00000/0000	1-10035/0004	02/19/75	100	3120	24.6	145.1		GGFR				
06930W	4731N	1851-14471	00000/0000	1-10032/0377	11/21/74	100	1865	19.2	156.0		P				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
06930W	4722N	1761-14501	00000/0000	1-10029/0167	08/23/74	100	610	47.3	138.1		PGPP	
06931W	4727N	1815-14483	00000/0000	1-10031/0450	10/16/74	100	1363	29.9	152.8		PPGP	
06931W	4726N	1869-14463	00000/0000	1-10032/0894	12/09/74	90	2116	16.0	155.3		GGGG	
06931W	4719N	1779-14492	00000/0000	1-10029/1115	09/10/74	20	861	42.0	143.6		GPGP	
06932W	4731N	1995-14405	00000/0000	1-10037/0182	04/14/75	0	3873	44.5	137.3		G FF	
06932W	4730N	1833-14480	00000/0000	1-10031/0866	11/03/74	80	1614	24.0	155.3		GGGG	
06932W	4720N	1743-14505	00000/0000	1-10027/1074	08/05/74	60	359	51.8	133.1		GGGG	
06933W	4723N	1887-14455	00000/0000	1-10033/0349	12/27/74	100	2367	14.9	153.3		FFFF	
06935W	4729N	1977-14415	00000/0000	1-10036/0405	03/27/75	20	3622	37.9	140.2		GGGG	
06937W	4728N	5067-14370	00000/0000	1-10039/0171	06/25/75	20	4877	55.6	123.6		FGFG	
06939W	4724N	5013-14400	00000/0000	1-10037/0401	05/02/75	30	4124	50.1	133.7		GGFG	
06939W	4319N	1814-14440	00000/0000	1-10030/1474	10/15/74	70	1349	33.4	149.9		GGGG	
06939W	4309N	1796-14441	00000/0000	1-10030/0698	09/27/74	10	1098	39.4	145.1		PG	
06940W	4721N	5031-14391	00000/0000	1-10038/0261	05/20/75	60	4375	54.0	129.5		FGGG	
06943W	4303N	1778-14450	00000/0000	1-10029/1079	09/09/74	40	847	45.1	139.1		GGGG	
06945W	4311N	1850-14425	00000/0000	1-10032/0323	11/20/74	100	1851	22.9	154.0		PP P	
06945W	4307N	1760-14454	00000/0000	1-10029/0045	08/22/74	30	596	49.9	132.7		GPPG	
06946W	4319N	1958-14381	00000/0000	1-10035/0887	03/08/75	100	3357	33.3	139.7		FFGG	
06946W	4316N	1940-14390	00000/0000	1-10034/0442	02/18/75	90	3106	27.1	142.7		GGGG	
06946W	4312N	1868-14420	00000/0000	1-10032/0916	12/08/74	90	2102	19.5	153.5		GGGG	
06947W	4317N	1976-14372	00000/0000	1-10036/0348	03/26/75	50	3608	40.1	136.5		FGGF	
06947W	4311N	1922-14395	00000/0000	1-10035/0049	01/31/75	30	2855	22.2	145.8		GGGG	
06947W	3900N	1813-14393	00000/0000	1-10030/1383	10/14/74	50	1335	36.9	146.7		PPP	
06948W	4315N	1832-14433	00000/0000	1-10031/0806	11/02/74	40	1600	27.8	152.8		PGPG	
06949W	4304N	1742-14462	00000/0000	1-10027/0971	08/04/74	30	345	54.0	126.6		GGGP	
06950W	3902N	1957-14335	00000/0000	1-10035/0798	03/07/75	60	3343	35.5	136.7		GGGG	
06951W	3900N	1831-14390	00000/0000	1-10031/0756	11/01/74	10	1586	31.4	150.3		PPPP	
06952W	4309N	5012-14353	00000/0000	1-10038/0075	05/01/75	20	4110	51.9	128.2		FGFG	
06952W	3901N	1939-14343	00000/0000	1-10034/0428	02/17/75	90	3092	29.6	140.3		GGGG	
06952W	3853N	1849-14382	00000/0000	1-10032/0309	11/19/74	80	1837	26.6	151.9		PPPP	
06952W	3852N	1867-14374	00000/0000	1-10032/0912	12/07/74	30	2088	23.1	151.7		GGGG	
06953W	3849N	1885-14365	00000/0000	1-10033/0321	12/25/74	100	2339	21.5	149.9		FFFF	
06953W	3849N	1921-14352	00000/0000	1-10034/0006	01/30/75	70	2841	25.0	143.7		GGGF	
06954W	3857N	1975-14330	00000/0000	1-10036/0344	03/25/75	90	3594	42.1	132.7		FGFG	
06956W	3852N	5029-14301	00000/0000	1-10038/0358	05/18/75	100	4347	56.7	116.5		F FG	

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 COORDINATE LISTING WITH PRODUCT DATA
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 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT 8F IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07000W 4558N	1797-14490	00000/0000	1-10030/0816	09/28/74	90	1112	37.1	147.6		GGGG	
07002W 4236N	5066-14325	00000/0000	1-10039/0185	06/24/75	10	4863	57.1	115.4		FFGF	
07004W 4557N	1761-14503	00000/0000	1-10029/0168	08/23/74	100	610	48.1	136.5		GGPR	
07005W 4612N	1959-14430	00000/0000	1-10035/0726	03/09/75	0	3371	31.9	141.6		GGFG	
07005W 4610N	1941-14435	00000/0000	1-10035/0005	02/19/75	90	3120	25.5	144.3		GGFF	
07005W 4606N	1851-14474	00000/0000	1-10032/0365	11/21/74	100	1865	20.4	155.4		PP	
07006W 4602N	1815-14490	00000/0000	1-10031/0451	10/16/74	100	1363	31.0	151.9		PPP	
07006W 4601N	1869-14470	00000/0000	1-10032/0895	12/09/74	100	2116	17.1	154.6		GGGG	
07006W 4555N	1743-14511	00000/0000	1-10027/1075	08/05/74	60	359	52.5	131.1		GGGG	
07007W 4607N	1995-14412	00000/0000	1-10037/0183	04/14/75	0	3873	45.3	135.8		GGFG	
07007W 4605N	1833-14482	00000/0000	1-10031/0867	11/03/74	90	1614	25.2	154.5		GGGG	
07007W 4554N	1779-14495	00000/0000	1-10029/1112	09/10/74	90	861	42.9	142.3		G GP	
07008W 4558N	1887-14461	00000/0000	1-10033/0350	12/27/74	80	2367	16.0	152.6		FFFG	
07010W 4604N	1977-14422	00000/0000	1-10036/0406	03/27/75	0	3622	38.8	138.9		GGGG	
07010W 4144N	1796-14443	00000/0000	1-10030/0699	09/27/74	0	1098	40.4	143.9		PG	
07011W 4603N	5067-14373	00000/0000	1-10039/0172	06/25/75	20	4877	56.1	121.3		FFGF	
07011W 4153N	1814-14443	00000/0000	1-10030/1475	10/15/74	70	1349	34.5	148.9		GGGG	
07014W 4559N	5013-14403	00000/0000	1-10037/0402	05/02/75	50	4124	50.8	131.8		GGFG	
07014W 4138N	1778-14452	00000/0000	1-10029/1080	09/09/74	50	847	45.9	137.6		GGGG	
07015W 4556N	5031-14393	00000/0000	1-10038/0262	05/20/75	40	4375	54.6	127.3		GGGG	
07016W 4141N	1760-14460	00000/0000	1-10029/0046	08/22/74	70	596	50.6	130.9		GGGG	
07017W 4153N	1958-14384	00000/0000	1-10035/0888	03/08/75	100	3357	34.2	138.6		GGGG	
07017W 4151N	1940-14393	00000/0000	1-10034/0443	02/18/75	80	3106	28.1	141.8		GGGG	
07017W 4146N	1850-14431	00000/0000	1-10032/0324	11/20/74	100	1851	24.1	153.3		PP P	
07017W 4146N	1868-14423	00000/0000	1-10032/0917	12/08/74	80	2102	20.7	152.9		GGGF	
07018W 4152N	1976-14375	00000/0000	1-10036/0349	03/26/75	30	3608	40.9	135.2		GGGG	
07018W 4146N	1922-14401	00000/0000	1-10035/0050	01/31/75	40	2855	23.2	145.0		GGGG	
07019W 4149N	1832-14440	00000/0000	1-10031/0807	11/02/74	40	1600	28.9	152.1		GGGG	
07019W 4142N	1886-14415	00000/0000	1-10033/0372	12/26/74	30	2353	19.3	151.0		GGGG	
07019W 4138N	1742-14465	00000/0000	1-10027/0972	08/04/74	30	345	54.6	124.5		PPPP	
07023W 4143N	5012-14360	00000/0000	1-10038/0076	05/01/75	30	4110	52.5	126.2		GGFE	
07033W 4432N	1797-14492	00000/0000	1-10030/0817	09/28/74	80	1112	38.1	146.5		GGGP	
07033W 4111N	5066-14331	00000/0000	1-10039/0186	06/24/75	0	4863	57.5	112.9		FFGF	
07037W 4432N	1761-14510	00000/0000	1-10029/0169	08/23/74	100	610	48.9	134.8		GGPG	
07038W 4445N	1941-14442	00000/0000	1-10035/0006	02/19/75	90	3120	26.5	143.4		GGGG	

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P P B P C C D D
07039W 4446N	1959-14433	00000/0000 1-10035/0727	03/09/75	0	3371	32.8	140.6		GGFG	
07039W 4441N	1851-14480	00000/0000 1-10032/0366	11/21/74	100	1865	21.5	154.7		PP	
07039W 4437N	1815-14492	00000/0000 1-10031/0452	10/16/74	100	1363	32.1	151.0		G R	
07039W 4429N	1743-14514	00000/0000 1-10027/1076	08/05/74	50	359	53.2	129.0		GGGG	
07040W 4440N	1833-14485	00000/0000 1-10031/0868	11/03/74	20	1614	26.3	153.7		PGGG	
07040W 4436N	1869-14472	00000/0000 1-10032/0896	12/09/74	100	2116	18.3	154.0		GGGG	
07040W 4429N	1779-14501	00000/0000 1-10029/1113	09/10/74	90	861	43.8	140.9		G GR	
07040W 4018N	1796-14450	00000/0000 1-10030/0700	09/27/74	0	1098	41.3	142.7		PG	
07042W 4441N	1995-14414	00000/0000 1-10037/0184	04/14/75	0	3873	46.1	134.2		GFFG	
07042W 4433N	1887-14464	00000/0000 1-10033/0351	12/27/74	70	2367	17.1	152.0		FGFE	
07042W 4027N	1814-14445	00000/0000 1-10030/1476	10/15/74	60	1349	35.5	148.0		GPGG	
07043W 4438N	5067-14375	00000/0000 1-10039/0173	06/25/75	10	4877	56.6	118.8		PGFG	
07044W 4439N	1977-14424	00000/0000 1-10036/0407	03/27/75	20	3622	39.6	137.6		GGGG	
07045W 4016N	1760-14463	00000/0000 1-10029/0047	08/22/74	90	596	51.3	129.0		GGGG	
07045W 4014N	1778-14455	00000/0000 1-10029/1081	09/09/74	50	847	46.7	136.1		GGGG	
07046W 4020N	1850-14434	00000/0000 1-10032/0325	11/20/74	80	1851	25.2	152.6		GG G	
07047W 4028N	1958-14390	00000/0000 1-10035/0889	03/08/75	100	3357	35.1	137.5		GFFE	
07047W 4025N	1940-14395	00000/0000 1-10034/0444	02/18/75	80	3106	29.0	140.9		GGGG	
07047W 4021N	1868-14425	00000/0000 1-10032/0918	12/08/74	70	2102	21.8	152.3		FGFG	
07048W 4434N	5013-14405	00000/0000 1-10037/0403	05/02/75	90	4124	51.5	129.9		FGFE	
07048W 4431N	5031-14400	00000/0000 1-10038/0263	05/20/75	10	4375	55.2	125.1		FGGE	M
07048W 4026N	1976-14381	00000/0000 1-10036/0350	03/26/75	40	3608	41.7	133.8		FGFG	
07048W 4021N	1922-14404	00000/0000 1-10035/0051	01/31/75	90	2855	24.2	144.3		GGGG	
07049W 4024N	1832-14442	00000/0000 1-10031/0808	11/02/74	30	1600	30.0	151.3		PPPG	
07049W 4014N	1742-14471	00000/0000 1-10027/0973	08/04/74	10	345	55.1	122.3		GPPG	
07050W 4017N	1886-14421	00000/0000 1-10033/0373	12/26/74	50	2353	20.4	150.4		PGPR	
07053W 4733N	1834-14534	00000/0000 1-10031/0967	11/04/74	90	1628	23.7	155.4		PPGP	
07053W 4724N	1744-14563	00000/0000 1-10027/1309	08/06/74	30	373	51.6	133.4		GGGG	
07053W 4017N	5012-14362	00000/0000 1-10038/0077	05/01/75	40	4110	53.1	124.2		GGGG	
07054W 4723N	1780-14550	00000/0000 1-10030/0001	09/11/74	100	875	41.7	144.0		PGPR	
07056W 4733N	1942-14491	00000/0000 1-10035/0021	02/20/75	30	3134	24.9	145.0		GGGG	
07056W 4731N	1852-14530	00000/0000 1-10032/0922	11/22/74	30	1879	19.0	156.0		GGGG	
07058W 4738N	1960-14482	00000/0000 1-10035/0893	03/10/75	20	3385	31.3	142.6		GGGG	
07058W 4721N	1762-14555	00000/0000 1-10029/0258	08/24/74	90	624	47.0	138.4		GGGG	
07059W 4729N	1816-14541	00000/0000 1-10030/1565	10/17/74	90	1377	29.5	153.0		PGPG	

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ERTS-1
 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLBD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P B P C C D D
07101W 4730N	1996-14464	00000/0000	1-10037/0214	04/15/75	0	3887	44.8	137.2		PPFG	
07101W 4723N	1888-14513	00000/0000	1-10033/0419	12/28/74	10	2381	14.9	153.1		FGGG	
07102W 4731N	1978-14473	00000/0000	1-10037/0033	03/28/75	0	3636	38.3	140.0		GGGG	
07102W 4729N	5068-14424	00000/0000	1-10039/0228	06/26/75	20	4891	55.6	123.6		FFGG	
07102W 3945N	5066-14334	00000/0000	1-10039/0187	06/24/75	10	4863	57.7	110.4		FFFF	
07103W 4725N	5014-14454	00000/0000	1-10038/0173	05/03/75	100	4138	50.3	133.5		GGPF	
07106W 4307N	1797-14495	00000/0000	1-10030/0818	09/28/74	80	1112	39.1	145.4		GGGG	
07108W 3853N	1796-14452	00000/0000	1-10030/0701	09/27/74	10	1098	42.3	141.5		PGP	
07109W 4307N	1761-14512	00000/0000	1-10029/0170	08/23/74	80	610	49.7	133.0		PGGP	
07111W 4319N	1941-14444	00000/0000	1-10035/0007	02/19/75	70	3120	27.4	142.5		GGGG	
07111W 4315N	1851-14483	00000/0000	1-10032/0367	11/21/74	100	1865	22.7	154.0		PPP	
07111W 4311N	1815-14495	00000/0000	1-10031/0453	10/16/74	100	1363	33.1	150.0		G P	
07111W 4304N	1743-14520	00000/0000	1-10027/1077	08/05/74	40	359	53.8	127.0		GGGG	
07111W 4304N	1779-14504	00000/0000	1-10029/1116	09/10/74	20	861	44.7	139.5		GGGP	
07112W 4320N	1959-14435	00000/0000	1-10035/0728	03/09/75	10	3371	33.7	139.5		GGPG	
07112W 4315N	1833-14491	00000/0000	1-10031/0869	11/03/74	10	1614	27.5	152.9		GGGG	
07112W 3901N	1814-14452	00000/0000	1-10030/1477	10/15/74	70	1349	36.6	147.0		GGGG	
07113W 4311N	1869-14475	00000/0000	1-10032/0897	12/09/74	80	2116	19.4	153.4		GGGG	
07114W 4308N	1887-14470	00000/0000	1-10033/0352	12/27/74	80	2367	18.2	151.4		FFFF	
07114W 3850N	1760-14465	00000/0000	1-10029/0048	08/22/74	60	596	52.0	127.1		PPPG	
07114W 3848N	1778-14461	00000/0000	1-10029/1082	09/09/74	60	847	47.5	134.5		GGGG	
07115W 4315N	1995-14421	00000/0000	1-10037/0185	04/14/75	0	3873	46.8	132.6		GGGG	M
07115W 3854N	1850-14440	00000/0000	1-10032/0326	11/20/74	70	1851	26.3	152.0		GG G	
07116W 3902N	1958-14393	00000/0000	1-10035/0890	03/08/75	100	3357	35.9	136.4		GGGG	
07116W 3900N	1940-14402	00000/0000	1-10034/0445	02/18/75	70	3106	29.9	140.1		GGGG	
07116W 3855N	1868-14432	00000/0000	1-10032/0919	12/08/74	70	2102	22.9	151.6		FGGG	
07117W 4313N	1977-14431	00000/0000	1-10036/0408	03/27/75	10	3622	40.5	136.3		GGGG	
07117W 3900N	1976-14384	00000/0000	1-10036/0351	03/26/75	60	3608	42.4	132.5		GGGG	
07118W 3858N	1832-14445	00000/0000	1-10031/0809	11/02/74	40	1600	31.1	150.5		PPPG	
07118W 3855N	1922-14410	00000/0000	1-10035/0052	01/31/75	100	2855	25.1	143.6		GGGG	
07118W 3848N	1742-14474	00000/0000	1-10027/0967	08/04/74	10	345	55.6	120.1		P GP	
07119W 4309N	5013-14412	00000/0000	1-10037/0404	05/02/75	90	4124	52.1	128.0		FGFG	
07119W 3852N	1886-14424	00000/0000	1-10033/0374	12/26/74	90	2353	21.5	149.8		PGPP	
07120W 4306N	5031-14402	00000/0000	1-10038/0264	05/20/75	10	4375	55.7	122.8		FFGG	
07122W 3852N	5012-14365	00000/0000	1-10038/0078	05/01/75	40	4110	53.6	122.2		FGGG	

KEYS: CLBD COVER % 0 TO 100 = % CLBD COVER. ** = NO CLBD DATA AVAILABLE.
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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07127W 4559N	1744-14565	00000/0000 1-10027/1310	08/06/74	30	373	52.3	131.4		GGGG	
07128W 4558N	1780-14553	00000/0000 1-10030/0002	09/11/74	70	875	42.6	142.6		GPPP	
07129W 4607N	1834-14540	00000/0000 1-10031/0968	11/04/74	90	1628	24.9	154.6		PPGP	
07131W 4608N	1942-14493	00000/0000 1-10035/0022	02/20/75	80	3134	25.9	144.1		GGGG	
07131W 4606N	1852-14532	00000/0000 1-10032/0923	11/22/74	40	1879	20.1	155.4		GGGF	
07131W 3819N	5066-14340	00000/0000 1-10039/0188	06/24/75	20	4863	57.9	107.9		FFFF	
07133W 4613N	1960-14484	00000/0000 1-10035/0894	03/10/75	30	3385	32.2	141.5		GGGF	
07133W 4556N	1762-14561	00000/0000 1-10029/0259	08/24/74	90	624	47.9	136.8		GGGG	
07134W 4604N	1816-14544	00000/0000 1-10030/1566	10/17/74	90	1377	30.6	152.1		PPPP	
07136W 4606N	1978-14480	00000/0000 1-10037/0034	03/28/75	0	3636	39.2	138.7		GGGG	
07136W 4605N	1996-14470	00000/0000 1-10037/0215	04/15/75	0	3887	45.6	135.6		FFFF	
07136W 4603N	5068-14431	00000/0000 1-10039/0229	06/26/75	10	4891	56.1	121.2		F'GGG	M
07136W 4558N	1888-14515	00000/0000 1-10033/0420	12/28/74	50	2381	16.0	152.5		GGGG	
07136W 3728N	1796-14455	00000/0000 1-10030/0702	09/27/74	20	1098	43.2	140.2		PGPP	
07137W 4142N	1797-14501	00000/0000 1-10030/0819	09/28/74	60	1112	40.1	144.2		GGGG	
07138W 4600N	5014-14461	00000/0000 1-10038/0171	05/03/75	80	4138	51.0	131.6		F PG	
07140W 4142N	1761-14515	00000/0000 1-10029/0171	08/23/74	90	610	50.4	131.2		PGGP	
07140W 3735N	1814-14454	00000/0000 1-10030/1478	10/15/74	70	1349	37.6	146.0		GGGG	
07142W 4150N	1851-14485	00000/0000 1-10032/0368	11/21/74	90	1865	23.8	153.4		PPP	
07142W 4146N	1815-14501	00000/0000 1-10031/0454	10/16/74	100	1363	34.2	149.1		PP G	
07142W 4139N	1743-14523	00000/0000 1-10027/1078	08/05/74	50	359	54.4	124.8		GGGG	
07142W 4139N	1779-14510	00000/0000 1-10029/1117	09/10/74	10	861	45.6	138.0		GGGG	
07142W 3723N	1778-14464	00000/0000 1-10029/1083	09/09/74	70	847	48.3	133.0		GGGG	
07143W 4155N	1959-14442	00000/0000 1-10035/0729	03/09/75	0	3371	34.6	138.5		FFPG	
07143W 4153N	1941-14451	00000/0000 1-10035/0008	02/19/75	60	3120	28.4	141.7		GGGG	
07143W 4150N	1833-14494	00000/0000 1-10031/0870	11/03/74	60	1614	28.6	152.2		GGGG	
07143W 3724N	1760-14472	00000/0000 1-10029/0049	08/22/74	60	596	52.6	125.2		GGPG	
07144W 4145N	1869-14481	00000/0000 1-10032/0898	12/09/74	60	2116	20.5	152.8		GGGG	
07144W 3728N	1850-14443	00000/0000 1-10032/0327	11/20/74	70	1851	27.4	151.3		GG G	
07145W 3736N	1958-14395	00000/0000 1-10035/0891	03/08/75	100	3357	36.7	135.3		GGFG	
07145W 3734N	1940-14404	00000/0000 1-10034/0446	02/18/75	70	3106	30.8	139.2		GGGG	
07145W 3732N	1832-14451	00000/0000 1-10031/0810	11/02/74	30	1600	32.2	149.6		PPPG	
07145W 3729N	1868-14434	00000/0000 1-10032/0920	12/08/74	80	2102	24.0	151.0		GGGG	
07146W 4150N	1995-14423	00000/0000 1-10037/0186	04/14/75	0	3873	47.5	130.9		PPPP	
07146W 4142N	1887-14473	00000/0000 1-10033/0353	12/27/74	100	2367	19.3	150.8		FFTF	M

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
07146W	3735N	1976-14390	00000/0000	1-10036/0352	07/26/75	80	3608	43.2	131.1		GGGG					
07146W	3729N	1922-14413	00000/0000	1-10035/0053	01/31/75	100	2855	26.1	142.8		GGGG					
07146W	3722N	1742-14480	00000/0000	1-10027/0975	08/04/74	40	345	56.1	117.8		G					
07147W	3726N	1886-14430	00000/0000	1-10033/0375	12/26/74	90	2353	22.6	149.1		PGFP					
07148W	4147N	1977-14433	00000/0000	1-10036/0409	07/27/75	0	3622	41.3	134.9		GGGG					
07150W	4143N	5013-14414	00000/0000	1-10037/0405	05/02/75	100	4124	52.7	126.0		FFFG					
07150W	3727N	5012-14371	00000/0000	1-10038/0079	05/01/75	50	4110	54.1	120.1		GGFG					
07151W	4140N	5031-14405	00000/0000	1-10038/0265	05/20/75	0	4375	56.2	120.5		PGFF					
07156W	4839N	1961-14534	00000/0000	1-10035/1045	03/11/75	0	3399	31.1	143.2		PGGG					
07201W	4433N	1780-14555	00000/0000	1-10030/0003	09/11/74	#0	875	43.5	141.3		PGFP					
07202W	4435N	1744-14572	00000/0000	1-10027/1311	08/06/74	40	373	53.0	129.4		GGGG					
07203W	4442N	1834-14543	00000/0000	1-10031/0969	11/04/74	100	1628	26.0	153.8		PPPP					
07204W	3602N	1796-14461	00000/0000	1-10030/0703	09/27/74	70	1098	44.1	138.9		PPPP					
07205W	4443N	1942-14500	00000/0000	1-10035/0023	07/20/75	80	3134	26.8	143.2		GGGG					
07205W	4440N	1852-14535	00000/0000	1-10032/0924	11/22/74	20	1879	21.3	154.7		GGGG					
07206W	4448N	1960-14491	00000/0000	1-10035/0895	03/10/75	70	3385	33.1	140.5		PPGG					
07206W	4431N	1762-14564	00000/0000	1-10029/0260	08/24/74	80	624	48.7	135.1		PGGG					
07207W	4439N	1816-14550	00000/0000	1-10030/1567	10/17/74	100	1377	31.7	151.2		PGFP					
07207W	4017N	1797-14504	00000/0000	1-10030/0820	09/28/74	40	1112	41.0	143.0		PGGG					
07208W	3609N	1814-14461	00000/0000	1-10030/1479	10/15/74	60	1349	38.6	144.9		GGGG					
07208W	3557N	1778-14470	00000/0000	1-10029/1084	09/09/74	90	847	49.1	131.3		GGGG					
07209W	4437N	5068-14433	00000/0000	1-10039/0230	06/26/75	0	4891	56.5	118.8		FFGG					
07209W	4433N	1888-14522	00000/0000	1-10033/0421	12/28/74	70	2381	17.1	151.9		GGGG					
07210W	4441N	1978-14482	00000/0000	1-10037/0035	03/28/75	0	3636	40.0	137.4		GGGG					
07210W	4440N	1996-14473	00000/0000	1-10037/0216	04/15/75	20	3887	46.4	134.0		FFFF					
07210W	4017N	1761-14521	00000/0000	1-10029/0172	08/23/74	40	610	51.1	129.4		PGGG					
07210W	3559N	1760-14474	00000/0000	1-10029/0050	08/22/74	30	596	53.2	123.2		PPG					
07211W	4014N	1779-14513	00000/0000	1-10029/1118	09/10/74	20	861	46.4	136.5		PGGG					
07212W	4435N	5014-14463	00000/0000	1-10038/0172	05/03/75	60	4138	51.7	129.7		F PG					
07212W	4024N	1851-14492	00000/0000	1-10032/0369	11/21/74	90	1865	24.9	152.7		PGGG					
07212W	4020N	1815-14504	00000/0000	1-10031/0455	10/16/74	100	1363	35.3	148.1		PP P					
07212W	4013N	1743-14525	00000/0000	1-10027/1079	08/05/74	60	359	55.0	122.7		GGGG					
07212W	3611N	1958-14402	00000/0000	1-10035/0892	03/08/75	90	3357	37.5	134.2		GGFE					
07212W	3609N	1940-14411	00000/0000	1-10034/0447	02/18/75	60	3106	31.7	138.2		GGGG					
07212W	3604N	1868-14441	00000/0000	1-10032/0921	12/08/74	90	2102	25.1	150.3		FFGG					

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
07212W	3602N	1850-14445	00000/0000	1-10032/0328	11/20/74	80	1851	28.6	150.5		PG P					
07213W	4029N	1959-14444	00000/0000	1-10035/0730	03/09/75	10	3371	35.4	137.4		GGFG					
07213W	4028N	1941-14453	00000/0000	1-10035/0009	02/19/75	80	3120	29.3	140.8		GGGG					
07213W	3609N	1976-14393	00000/0000	1-10036/0353	03/26/75	80	3608	43.9	129.7		GGGG					
07213W	3606N	1832-14454	00000/0000	1-10031/0811	11/02/74	20	1600	33.3	148.8		PP P					
07213W	3604N	1922-14415	00000/0000	1-10035/0054	01/31/75	80	2855	27.1	142.1		GGGG					
07213W	3557N	1742-14483	00000/0000	1-10027/0974	08/04/74	40	345	56.5	115.5		GG G					
07214W	4024N	1833-14500	00000/0000	1-10031/0871	11/03/74	100	1614	29.7	151.4		GGGG					
07214W	4020N	1869-14484	00000/0000	1-10032/0899	12/09/74	30	2116	21.7	152.2		GGGG					
07215W	3601N	1886-14433	00000/0000	1-10033/0376	12/26/74	90	2353	23.6	148.5		PGPP					
07216W	4024N	1995-14430	00000/0000	1-10037/0187	04/14/75	0	3873	48.2	129.2		FFGF					
07216W	4017N	1887-14475	00000/0000	1-10033/0354	12/27/74	100	2367	20.4	150.2		FFFF					
07218W	4021N	1977-14440	00000/0000	1-10036/0410	03/27/75	10	3622	42.0	133.6		FGFG					
07218W	3602N	5012-14374	00000/0000	1-10038/0080	05/01/75	40	4110	54.5	117.9		GGGG					
07219W	4721N	1781-15005	00000/0000	1-10029/1130	09/12/74	80	889	41.3	144.3		PGGG					
07220W	4733N	1835-14592	00000/0000	00000/0000	11/05/74	80	1642	23.4	155.4		PPPP					
07221W	4729N	1817-15000	00000/0000	1-10030/1646	10/18/74	80	1391	29.2	153.1		PGGG					
07221W	4722N	1763-15013	00000/0000	1-10029/0283	08/25/74	20	638	46.8	138.7		GGGG					
07221W	4015N	5031-14411	00000/0000	1-10038/0266	05/20/75	0	4375	56.6	118.2		FFFF					
07224W	4726N	1925-14554	00000/0000	1-10034/0051	02/03/75	70	2897	19.9	147.4		FGGG					
07224W	3528N	5066-14345	00000/0000	1-10039/0189	06/24/75	30	4863	58.1	102.8		FFFF					
07225W	4728N	1943-14545	00000/0000	1-10035/1079	02/21/75	100	3148	25.3	144.8		FGFG					
07227W	4728N	1979-14531	00000/0000	1-10036/0434	03/29/75	40	3650	38.7	139.8		FGGG					
07227W	4724N	1871-14575	00000/0000	1-10032/0981	12/11/74	60	2144	15.8	155.1		GFPE					
07228W	4727N	5069-14483	00000/0000	1-10039/0237	06/27/75	10	4905	55.5	123.5		F FE					
07229W	4721N	1889-14571	00000/0000	1-10033/0434	12/29/74	100	2395	14.9	153.0		GGGF					
07230W	4725N	1997-14522	00000/0000	1-10037/0258	04/16/75	90	3901	45.2	136.9		FFFG					
07230W	4725N	5051-14493	00000/0000	1-10039/0051	06/09/75	50	4654	55.9	125.4		GGFG					
07230W	4724N	5015-14512	00000/0000	1-10037/0538	05/04/75	50	4152	50.6	133.3		FGGG					
07232W	4714N	1961-14541	00000/0000	1-10035/1046	03/11/75	0	3399	32.0	142.1		GGGG					
07233W	4307N	1780-14562	00000/0000	1-10030/0004	09/11/74	40	875	44.4	139.9		PPPP					
07235W	4309N	1744-14574	00000/0000	1-10027/1312	08/06/74	30	373	53.6	127.3		GGGG					
07235W	3852N	1797-14510	00000/0000	1-10030/0821	09/28/74	50	1112	42.0	141.8		GGPG					
07236W	4317N	1834-14545	00000/0000	1-10031/0970	11/04/74	90	1628	27.1	153.1		PPGP					
07237W	4318N	1942-14502	00000/0000	1-10035/0024	02/20/75	70	3134	27.8	142.4		GGGG					

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03:20 SEP 30, '75

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0369

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07238W 4322N	1960-14493	00000/0000 1-10035/0896	03/10/75	100	3385	34.0	139.4		FPFF	
07238W 4315N	1852-14541	00000/0000 1-10032/0925	11/22/74	30	1879	22.4	154.0		GGGG	M
07238W 4313N	1924-14511	00000/0000 1-10034/0037	02/02/75	0	2883	22.6	145.4		GGGG	
07238W 4306N	1762-14570	00000/0000 1-10029/0261	08/24/74	50	624	49.4	133.4		GGGG	
07239W 3850N	1761-14524	00000/0000 1-10029/0173	08/23/74	30	610	51.8	127.5		PGGG	
07239W 3849N	1779-14515	00000/0000 1-10029/1114	09/10/74	20	861	47.2	135.0		G GG	
07240W 4313N	1816-14553	00000/0000 1-10030/1568	10/17/74	90	1377	32.8	150.2		PPPP	
07241W 4315N	1996-14475	00000/0000 1-10037/0217	04/15/75	40	3887	47.1	132.3		F+G	
07241W 4312N	5068-14440	00000/0000 1-10039/0231	06/26/75	20	4891	56.9	116.3		FFGG	
07241W 4307N	1888-14524	00000/0000 1-10033/0422	12/28/74	70	2381	18.2	151.3		GGGG	
07241W 3859N	1851-14494	00000/0000 1-10032/0370	11/21/74	70	1865	26.1	152.0		PPPP	
07241W 3855N	1815-14510	00000/0000 1-10031/0456	10/16/74	90	1363	36.3	147.2		PPP	
07241W 3848N	1743-14532	00000/0000 1-10027/1080	08/05/74	70	359	55.5	120.5		GGGG	
07242W 4316N	1978-14485	00000/0000 1-10037/0036	03/28/75	0	3636	40.8	136.1		FF+G	
07242W 3904N	1959-14451	00000/0000 1-10035/0731	03/09/75	50	3371	36.3	136.3		GGFG	
07242W 3902N	1941-14460	00000/0000 1-10035/0010	02/19/75	90	3120	30.2	139.9		FGGG	
07243W 3858N	1833-14503	00000/0000 1-10031/0872	11/03/74	60	1614	30.8	150.6		GGGG	
07243W 3854N	1869-14490	00000/0000 1-10032/0900	12/09/74	50	2116	22.8	151.6		GGGG	
07244W 3858N	1995-14432	00000/0000 1-10037/0188	04/14/75	30	3873	48.9	127.5		FF+G	
07245W 3851N	1887-14482	00000/0000 1-10033/0355	12/27/74	100	2367	21.5	149.6		FFFF	
07246W 3856N	1977-14442	00000/0000 1-10036/0411	03/27/75	20	3622	42.8	132.2		GG+G	
07249W 3852N	5013-14423	00000/0000 1-10037/0406	05/02/75	100	4124	53.8	121.9		FF+G	
07250W 3849N	5031-14414	00000/0000 1-10038/0267	05/20/75	10	4375	57.0	115.8		FFFF	
07254W 4557N	1781-15011	00000/0000 1-10029/1131	09/12/74	80	889	42.3	142.9		GGGG	
07255W 4608N	1835-14595	00000/0000 00000/0000	11/05/74	20	1642	24.6	154.7		PGGG	
07255W 4559N	1745-15024	00000/0000 1-10027/1330	08/07/74	0	387	52.1	131.7		GGGG	
07255W 4557N	1763-15020	00000/0000 1-10029/0284	08/25/74	50	638	47.6	137.1		GGGG	
07256W 4604N	1817-15002	00000/0000 1-10030/1647	10/18/74	30	1391	30.3	152.3		GGGG	
07300W 4603N	1943-14552	00000/0000 1-10035/1080	02/21/75	40	3148	26.3	143.9		GGGG	
07300W 4601N	1925-14560	00000/0000 1-10034/0052	02/03/75	10	2897	20.9	146.7		FGGG	
07301W 4604N	1979-14534	00000/0000 1-10036/0435	03/29/75	40	3650	39.6	138.5		FFGG	
07302W 4559N	1871-14582	00000/0000 1-10032/0982	12/11/74	90	2144	16.9	154.5		GF+G	
07303W 4602N	5069-14485	00000/0000 1-10039/0238	06/27/75	10	4905	56.0	121.1		F GF	
07303W 3727N	1797-14513	00000/0000 1-10030/0822	09/28/74	40	1112	42.9	140.6		PGGG	
07304W 4556N	1889-14574	00000/0000 1-10033/0435	12/29/74	100	2395	16.0	152.4		GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P B P C C D D
LONG	LAT		RBV	MSS		%				123	45678	
07304W	4143N	1780-14564	00000/0000	1-10030/0005	09/11/74	30	875	45.3	138.4		PGFP	
07305W	4600N	1997-14524	00000/0000	1-10037/0259	04/16/75	100	3901	46.0	135.3		GGFG	
07305W	4600N	5051-14495	00000/0000	1-10039/0052	06/09/75	40	4654	56.4	123.0		GGFG	
07305W	4559N	5015-14515	00000/0000	1-10037/0539	05/04/75	30	4152	51.3	131.4		GGFG	
07305W	4143N	1744-14581	00000/0000	1-10027/1313	08/06/74	40	373	54.2	125.2		PGGG	
07307W	4548N	1961-14543	00000/0000	1-10035/1047	03/11/75	10	3399	32.9	141.1		GGFG	
07307W	3725N	1761-14530	00000/0000	1-10029/0174	08/23/74	30	610	52.4	125.6		PPGG	
07307W	3723N	1779-14522	00000/0000	1-10029/1119	09/10/74	20	861	48.0	133.4		GGGP	
07308W	4153N	1942-14505	00000/0000	1-10035/0025	02/20/75	60	3134	28.7	141.5		GGG	
07308W	4151N	1834-14552	00000/0000	1-10031/0971	11/04/74	80	1628	28.3	152.3		PPPP	
07308W	4141N	1762-14573	00000/0000	1-10029/0262	08/24/74	30	624	50.2	131.6		PGGG	M
07309W	4157N	1960-14500	00000/0000	1-10035/0897	03/10/75	100	3385	34.9	138.3		GGFF	
07309W	4150N	1852-14544	00000/0000	1-10032/0926	11/22/74	10	1879	23.6	153.4		GGFG	
07309W	4147N	1924-14514	00000/0000	1-10034/0038	02/02/75	0	2883	23.6	144.7		GGGG	M
07309W	3732N	1851-14501	00000/0000	1-10032/0371	11/21/74	70	1865	27.2	151.3		PPPP	
07309W	3722N	1743-14534	00000/0000	1-10027/1081	08/05/74	80	359	55.9	118.2		GGGG	
07310W	3738N	1959-14453	00000/0000	1-10035/0732	03/09/75	90	3371	37.1	135.1		GGGG	
07310W	3737N	1941-14462	00000/0000	1-10035/0011	02/19/75	100	3120	31.1	139.0		FFFF	
07310W	3729N	1815-14513	00000/0000	1-10031/0457	10/16/74	70	1363	37.4	146.2		PPG	
07311W	3728N	1869-14493	00000/0000	1-10032/0901	12/09/74	50	2116	23.9	150.9		GGGG	
07312W	4845N	1764-15065	00000/0000	1-10029/0322	08/26/74	70	652	45.6	140.6		GGPG	
07312W	4150N	1996-14482	00000/0000	1-10037/0218	04/15/75	100	3887	47.9	130.7		FFF	
07312W	4148N	1816-14555	00000/0000	1-10030/1569	10/17/74	70	1377	33.9	149.3		PGPP	
07312W	4147N	5068-14442	00000/0000	1-10039/0232	06/26/75	70	4891	57.2	113.9		FFFF	
07312W	4142N	1888-14531	00000/0000	1-10033/0423	12/28/74	30	2381	19.3	150.7		FGGG	
07312W	3733N	1833-14505	00000/0000	1-10031/0873	11/03/74	20	1614	31.9	149.8		GGPG	
07313W	3732N	1995-14435	00000/0000	1-10037/0189	04/14/75	30	3873	49.5	125.8		GGGG	
07313W	3726N	1887-14484	00000/0000	1-10033/0356	12/27/74	90	2367	22.5	149.0		FFFG	
07314W	3730N	1977-14445	00000/0000	1-10036/0412	03/27/75	40	3622	43.5	130.8		GGGG	
07315W	4144N	5014-14472	00000/0000	1-10038/0174	05/03/75	10	4138	53.0	125.7		FGPG	M
07317W	4141N	5032-14463	00000/0000	1-10038/0312	05/21/75	70	4389	56.3	120.3		GGG	
07317W	3726N	5013-14430	00000/0000	1-10037/0407	05/02/75	80	4124	54.3	119.7		FFFG	
07318W	3724N	5031-14420	00000/0000	1-10038/0268	05/20/75	50	4375	57.3	113.4		FGGG	
07323W	4843N	5034-14554	00000/0000	1-10038/0333	05/23/75	10	4417	53.8	130.9		FFGF	
07328W	4434N	1745-15030	00000/0000	1-10027/1331	08/07/74	10	387	52.7	129.7		GGGG	

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE	QUALITY	PRODUCTS				
LONG	LAT		RBV	MSS						RBV	MSS	B	P	P	B	P
										123	45678	C	C	D	D	
07328W	4432N	1763-15022	00000/0000	1-10029/0285	08/25/74	40	638	48.4	135.4		GGGG					
07328W	4431N	1781-15014	00000/0000	1-10029/1132	09/12/74	80	889	43.2	141.6		GGGP					
07329W	4443N	1835-15001	00000/0000	00000/0000	11/05/74	60	1642	25.7	153.9		PPPP					
07330W	4439N	1817-15005	00000/0000	1-10030/1648	10/18/74	30	1391	31.4	151.4		GGGG					
07331W	3601N	1797-14515	00000/0000	1-10030/0823	09/28/74	80	1112	43.8	139.3		PGGG					
07333W	4018N	1780-14571	00000/0000	1-10030/0006	09/11/74	60	875	46.1	136.9		PGPG					
07334W	4438N	1943-14554	00000/0000	1-10035/1081	02/21/75	60	3148	27.2	143.0		GGGG					
07334W	3559N	1761-14533	00000/0000	1-10029/0175	08/23/74	20	610	52.9	123.7		PPPP					
07335W	4742N	1800-15054	00000/0000	1-10030/0868	10/01/74	90	1154	34.8	149.7		GGGG					
07335W	4438N	1979-14540	00000/0000	1-10036/0436	03/29/75	90	3650	40.4	137.2		FGGE					
07335W	4434N	1871-14584	00000/0000	1-10032/0983	12/11/74	0	2144	18.1	153.8		GGPG					
07335W	4018N	1744-14583	00000/0000	1-10027/1314	08/06/74	50	373	54.7	123.1		GGGP					
07335W	3557N	1779-14524	00000/0000	1-10029/1120	09/10/74	50	861	48.8	131.8		PGGG					
07336W	4437N	5069-14492	00000/0000	1-10039/0241	06/27/75	20	4905	56.4	118.7		FPGE					
07336W	3607N	1851-14503	00000/0000	1-10032/0372	11/21/74	70	1865	28.3	150.6		PGGG					
07337W	4431N	1889-14580	00000/0000	1-10033/0436	12/29/74	90	2395	17.1	151.8		GGGG					
07337W	3603N	1869-14495	00000/0000	1-10032/0902	12/09/74	30	2116	25.0	150.3		GGGG					
07337W	3556N	1743-14541	00000/0000	1-10027/1082	08/05/74	70	359	56.3	115.9		GGGG					
07338W	4435N	5015-14521	00000/0000	1-10037/0540	05/04/75	70	4152	52.0	129.4		FFFF				M	
07338W	4435N	5051-14502	00000/0000	1-10039/0053	06/09/75	40	4654	56.9	120.6		GGFG					
07338W	4434N	1997-14531	00000/0000	1-10037/0257	04/16/75	100	3901	46.8	133.6		F FG					
07338W	4026N	1834-14554	00000/0000	1-10031/0972	11/04/74	30	1628	29.4	151.5		PPGG					
07338W	4016N	1762-14575	00000/0000	1-10029/0263	08/24/74	40	624	50.9	129.8		PGGG					
07338W	3612N	1959-14460	00000/0000	1-10035/0733	03/09/75	100	3371	37.9	134.0		GGGG					
07338W	3611N	1941-14465	00000/0000	1-10035/0012	02/19/75	100	3120	32.0	138.1		FFGF					
07338W	3606N	5067-14402	00000/0000	1-10039/0272	06/25/75	50	4877	58.0	103.8		FFFF				M	
07338W	3603N	1815-14515	00000/0000	1-10031/0458	10/16/74	70	1363	38.4	145.1		GPG					
07339W	4031N	1960-14502	00000/0000	1-10035/0898	03/10/75	100	3385	35.8	137.2		GGFF					
07339W	4027N	1942-14511	00000/0000	1-10035/0026	02/20/75	40	3134	29.6	140.6		GGGE					
07339W	4022N	1924-14520	00000/0000	1-10034/0039	02/02/75	60	2883	24.6	143.9		GFFF					
07339W	3606N	1833-14512	00000/0000	1-10031/0874	11/03/74	20	1614	33.0	148.9		PGGG					
07340W	4422N	1961-14550	00000/0000	1-10035/1048	03/11/75	50	3399	33.8	140.0		PGFG					
07340W	4024N	1852-14550	00000/0000	1-10032/0927	11/22/74	20	1879	24.7	152.7		GGGG					
07340W	3606N	1995-14441	00000/0000	1-10037/0190	04/14/75	60	3873	50.1	124.0		GGGG					
07341W	4025N	1996-14484	00000/0000	1-10037/0219	04/15/75	100	3887	48.5	129.0		PPFE					

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D				
07341W	3604N	1977-14451	00000/0000	1-10036/0413	03/27/75	50	3622	44.2	129.3		GGGG					
07341W	3600N	1887-14491	00000/0000	1-10033/0357	12/27/74	90	2367	23.6	148.4		FFFF					
07342W	4021N	5068-14445	00000/0000	1-10039/0234	06/26/75	80	4891	57.5	111.4		FG					
07342W	4017N	1888-14533	00000/0000	1-10033/0424	12/28/74	20	2381	20.4	150.1		PGGG					
07343W	4025N	1978-14494	00000/0000	1-10037/0037	03/28/75	20	3636	42.4	133.4		FGGG					
07343W	4022N	1816-14562	00000/0000	1-10030/1570	10/17/74	50	1377	34.9	148.4		PGPP					
07344W	4721N	1782-15063	00000/0000	1-10029/1231	09/13/74	100	903	41.0	144.5		PGGG					
07344W	3600N	5013-14432	00000/0000	1-10037/0408	05/02/75	100	4124	54.8	117.6		FFFF					
07345W	3558N	5031-14423	00000/0000	1-10038/0269	05/20/75	40	4375	57.6	110.9		GGGG					
07346W	4729N	1854-15042	00000/0000	1-10032/0280	11/24/74	100	1907	18.6	156.0		GPGG					
07346W	4019N	5014-14475	00000/0000	1-10038/0175	05/03/75	40	4138	53.5	123.6		FFFG					
07347W	4016N	5032-14465	00000/0000	1-10038/0313	05/21/75	70	4389	56.8	117.9		GGGG				M	
07348W	4732N	1836-15050	00000/0000	1-10031/1050	11/06/74	90	1656	23.1	155.5		PGPP					
07348W	4732N	5088-14530	00000/0000	00000/0000	07/16/75	50	5170	53.4	124.3		FGFG					
07348W	4729N	1926-15012	00000/0000	1-10034/0094	02/04/75	10	2911	20.1	147.3		GGGG					
07348W	4722N	1746-15075	00000/0000	1-10027/1428	08/08/74	80	401	51.1	133.9		GGPG					
07349W	4730N	1818-15054	00000/0000	1-10030/1671	10/19/74	80	1405	28.8	153.3		PGPG					
07349W	4720N	1764-15071	00000/0000	1-10029/0323	08/26/74	20	652	46.5	139.0		PGGG					
07351W	4730N	1944-15003	00000/0000	1-10035/0371	02/22/75	90	3162	25.6	144.7		GGFG					
07351W	4724N	1872-15034	00000/0000	1-10033/0094	12/12/74	100	2158	15.7	155.0		GGFG					
07351W	4723N	1890-15025	00000/0000	1-10033/0453	12/30/74	10	2409	14.9	152.8		GGGG					
07352W	4731N	1962-14594	00000/0000	1-10035/0413	03/12/75	100	3413	32.2	142.2		GGFG					
07352W	4729N	5070-14541	00000/0000	1-10039/0242	06/28/75	10	4919	55.4	123.5		FFFF					
07355W	4726N	5052-14551	00000/0000	1-10039/0069	06/10/75	10	4668	55.9	125.2		FFFG					
07358W	3435N	1797-14522	00000/0000	1-10030/0824	09/28/74	90	1112	44.7	137.9		GGPG					
07359W	4718N	5034-14561	00000/0000	1-10038/0334	05/23/75	20	4417	54.4	128.8		PGGG					
07400W	4309N	1745-15033	00000/0000	1-10027/1332	08/07/74	50	387	53.4	127.7		GGGG					
07400W	4306N	1781-15020	00000/0000	1-10029/1133	09/12/74	70	889	44.1	140.2		GGGG					
07401W	4306N	1763-15025	00000/0000	1-10029/0286	08/25/74	50	638	49.2	133.7		GGGG					
07401W	3434N	1761-14535	00000/0000	1-10029/0176	08/23/74	10	610	53.5	121.7		PGGP					
07402W	4314N	1817-15011	00000/0000	1-10030/1649	10/18/74	40	1391	32.5	150.5		PGGG					
07403W	4317N	1835-15004	00000/0000	00000/0000	11/05/74	100	1642	26.8	153.2		PPP					
07403W	3853N	1780-14573	00000/0000	1-10030/0007	09/11/74	50	875	47.0	135.4		PPPP					
07403W	3430N	1743-14543	00000/0000	1-10027/1083	08/05/74	50	359	56.6	113.6		GGGG					
07404W	3852N	1744-14590	00000/0000	1-10027/1315	08/06/74	80	373	55.2	120.9		GGGG					

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ERTS-1
 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0373

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07404W 3446N	1959-14462	00000/0000	1-10035/0734	03/09/75	100	3371	38.7	132.8		GGGG	
07404W 3441N	1851-14510	00000/0000	1-10032/0373	11/21/74	60	1865	29.4	149.9		PGPG	
07404W 3437N	1869-14502	00000/0000	1-10032/0903	12/09/74	70	2116	26.1	149.6		GGGG	
07405W 4311N	1925-14565	00000/0000	1-10034/0053	02/03/75	0	2897	22.9	145.2		GGGF	
07405W 3445N	1941-14471	00000/0000	1-10035/0013	02/19/75	100	3120	32.8	137.1		GGGG	
07405W 3440N	5067-14405	00000/0000	1-10039/0273	06/25/75	60	4877	58.1	101.3		FGFF	
07405W 3437N	1815-14522	00000/0000	1-10031/0459	10/16/74	60	1363	39.4	144.1		GP	
07406W 4313N	1943-14561	00000/0000	1-10035/1082	02/21/75	60	3148	28.1	142.1		GGGG	
07406W 4309N	1871-14591	00000/0000	1-10032/0984	12/11/74	90	2144	19.2	153.2		FFPG	
07406W 3440N	1833-14514	00000/0000	1-10031/0875	11/03/74	20	1614	34.1	148.1		GGGG	
07407W 3850N	1762-14582	00000/0000	1-10029/0264	08/24/74	60	624	51.5	128.0		GGGG	
07407W 3441N	1995-14444	00000/0000	1-10037/0191	04/14/75	90	3873	50.6	122.1		FFPF	
07407W 3434N	1887-14493	00000/0000	1-10033/0358	12/27/74	90	2367	24.7	147.7		FFFF	
07408W 4312N	1979-14543	00000/0000	1-10036/0437	03/29/75	100	3650	41.2	135.8		FGGG	
07408W 3905N	1960-14505	00000/0000	1-10035/0899	03/10/75	100	3385	36.6	136.1		FFPG	
07408W 3901N	1942-14514	00000/0000	1-10035/0027	02/20/75	20	3134	30.5	139.7		GGFF	
07408W 3900N	1834-14561	00000/0000	1-10031/0973	11/04/74	10	1628	30.5	150.7		PPPG	
07408W 3856N	1924-14523	00000/0000	1-10034/0040	02/02/75	100	2883	25.6	143.2		FGGG	
07408W 3438N	1977-14454	00000/0000	1-10036/0414	03/27/75	80	3622	44.9	127.9		GGGG	
07409W 4312N	5069-14494	00000/0000	1-10039/0239	06/27/75	20	4905	56.8	116.3		F FG	
07409W 4308N	1997-14533	00000/0000	1-10037/0267	04/16/75	20	3901	47.5	132.0		F	
07409W 3858N	1852-14553	00000/0000	1-10032/0928	11/22/74	60	1879	25.8	152.0		FGGG	
07410W 4309N	5051-14504	00000/0000	1-10039/0054	06/09/75	50	4654	57.3	118.2		GGPG	
07410W 4306N	1889-14583	00000/0000	1-10033/0437	12/29/74	90	2395	18.2	151.2		FGGG	
07410W 3859N	1996-14491	00000/0000	1-10037/0220	04/15/75	100	3887	49.2	127.2		FFPF	
07410W 3435N	5013-14435	00000/0000	1-10037/0409	05/02/75	70	4124	55.1	115.4		FGFF	
07410W 3432N	5031-14425	00000/0000	1-10038/0270	05/20/75	40	4375	57.8	108.5		GGGF	
07411W 4617N	1800-15060	00000/0000	1-10030/0869	10/01/74	90	1154	35.8	148.7		PGGG	
07411W 4309N	5015-14524	00000/0000	1-10037/0541	05/04/75	100	4152	52.6	127.5		FFGG	
07411W 3856N	5068-14451	00000/0000	1-10039/0233	06/26/75	80	4891	57.7	108.9		GGGG	
07412W 3859N	1978-14500	00000/0000	1-10037/0038	03/28/75	70	3636	43.1	132.0		FFGF	
07412W 3856N	1816-14564	00000/0000	1-10030/1571	10/17/74	50	1377	36.0	147.4		PGP	
07412W 3851N	1888-14540	00000/0000	1-10033/0425	12/28/74	30	2381	21.5	149.5		FGGG	
07413W 4257N	1961-14552	00000/0000	1-10035/1049	03/11/75	90	3399	34.7	138.9		FFPG	
07414W 3854N	5014-14481	00000/0000	1-10038/0176	05/03/75	50	4138	54.1	121.5		FFPF	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
07416W	3850N	5032-14472	00000/0000	1-10038/0314	05/21/75	70	4389	57.1	115.5		GGGG				
07419W	4556N	1782-15065	00000/0000	1-10029/1232	09/13/74	100	903	42.0	143.2		GGGP				
07422W	4604N	1854-15044	00000/0000	1-10032/0281	11/24/74	100	1907	19.7	155.3		PPGP				
07423W	4607N	1836-15053	00000/0000	1-10031/1051	11/06/74	50	1656	24.3	154.8		PPGP				
07423W	4607N	5088-14533	00000/0000	00000/0000	07/16/75	20	5170	53.9	122.1		FFFG				
07423W	4604N	1926-15015	00000/0000	1-10034/0095	02/04/75	10	2911	21.1	146.6		GGGG				
07423W	4558N	1746-15082	00000/0000	1-10027/1429	08/08/74	80	401	51.8	132.0		GGPG				
07424W	4605N	1818-15061	00000/0000	1-10030/1672	10/19/74	50	1405	29.9	152.4		PGGG				
07424W	4555N	1764-15074	00000/0000	1-10029/0324	08/26/74	0	652	47.3	137.4		GGGG				
07424W	3309N	1797-14524	00000/0000	1-10030/0825	09/28/74	80	1112	45.6	136.6		GGGG				
07426W	4605N	1944-15010	00000/0000	1-10035/0372	02/22/75	100	3162	26.6	143.8		FFFG				
07426W	4559N	1872-15040	00000/0000	1-10033/0095	12/12/74	100	2158	16.8	154.4		FGGG				
07427W	4606N	1962-15001	00000/0000	1-10035/0414	03/12/75	100	3413	33.1	141.1		FGGG				
07427W	4604N	5070-14543	00000/0000	1-10039/0243	06/28/75	10	4919	55.9	121.2		FFFG				
07427W	4558N	1890-15032	00000/0000	1-10033/0454	12/30/74	40	2409	16.0	152.2		GGGG				
07427W	3309N	1761-14542	00000/0000	1-10029/0177	08/23/74	20	610	54.0	119.6		PGGG				
07429W	4601N	5052-14553	00000/0000	1-10039/0070	06/10/75	10	4668	56.4	122.8		FFGF				
07429W	3305N	1743-14550	00000/0000	1-10027/1084	08/05/74	50	359	56.9	111.2		GGGG				
07430W	4600N	1998-14582	00000/0000	1-10037/0268	04/17/75	20	3915	46.4	135.1		GGGG				
07430W	3315N	1851-14512	00000/0000	1-10032/0374	11/21/74	60	1865	30.5	149.1		GPPG				
07430W	3311N	1869-14504	00000/0000	1-10032/0904	12/09/74	70	2116	27.2	149.0		GGGG				
07431W	4143N	1745-15035	00000/0000	1-10027/1333	08/07/74	90	387	54.0	125.6		GGGG				
07431W	4141N	1781-15023	00000/0000	1-10029/1134	09/12/74	60	889	45.0	138.8		GGGG				
07431W	3729N	1780-14580	00000/0000	1-10030/0008	09/11/74	20	875	47.7	133.9		PPPP				
07431W	3320N	1959-14465	00000/0000	1-10035/0735	03/09/75	100	3371	39.4	131.6		GGGG				
07431W	3319N	1941-14474	00000/0000	1-10035/0014	02/19/75	100	3120	33.7	136.2		GGGF				
07431W	3314N	1833-14521	00000/0000	1-10031/0876	11/03/74	20	1614	35.1	147.2		GPPP				
07431W	3313N	5067-14411	00000/0000	1-10039/0274	06/25/75	40	4877	58.0	98.8		FFFG				
07431W	3311N	1815-14524	00000/0000	1-10031/0460	10/16/74	60	1363	40.4	143.0		PGPP				
07432W	4140N	1763-15031	00000/0000	1-10029/0287	08/25/74	70	638	49.9	132.0		GGGG				
07432W	3727N	1744-14592	00000/0000	1-10027/1316	08/06/74	100	373	55.7	118.7		GGGG				
07432W	3309N	1887-14500	00000/0000	1-10033/0359	12/27/74	40	2367	25.7	147.1		FGGG				
07433W	4553N	5034-14563	00000/0000	1-10038/0335	05/23/75	20	4417	55.0	126.6		FGG				
07433W	4148N	1817-15014	00000/0000	1-10030/1650	10/18/74	50	1391	33.5	149.5		GGGG				
07433W	3316N	1995-14450	00000/0000	1-10037/0192	04/14/75	100	3873	51.1	120.3		GFFG				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
07434W	3313N	1977-14460	00000/0000	1-10036/0415	03/27/75	80	3622	45.6	126.4		GGGG					
07435W	4151N	1835-15010	00000/0000	00000/0000	11/05/74	100	1642	28.0	152.4		PPP					
07435W	3724N	1762-14584	00000/0000	1-10029/0265	08/24/74	50	624	52.2	126.1		GGGG					
07435W	3306N	5031-14432	00000/0000	1-10038/0271	05/20/75	40	4375	58.0	106.0		FGGG					
07436W	4846N	1783-15114	00000/0000	1-10029/1153	09/14/74	90	917	39.7	146.2		GGGG					
07436W	4146N	1925-14572	00000/0000	1-10034/0054	02/03/75	30	2897	23.9	144.5		GGGG					
07436W	4144N	1871-14593	00000/0000	1-10032/0985	12/11/74	30	2144	20.3	152.6		P F					
07436W	3739N	1960-14511	00000/0000	1-10035/0900	03/10/75	100	3385	37.4	134.9		FFFF					
07436W	3310N	5013-14441	00000/0000	1-10037/0410	05/02/75	60	4124	55.5	113.2		GGFF					
07437W	4848N	1747-15131	00000/0000	1-10027/1527	08/09/74	30	415	50.1	136.0		GGGG					
07437W	4147N	1943-14563	00000/0000	1-10035/1083	02/21/75	20	3148	29.1	141.2		GGGG					
07437W	3735N	1834-14563	00000/0000	1-10031/0974	11/04/74	0	1628	31.6	149.9		PGPP					
07437W	3735N	1942-14520	00000/0000	1-10035/0028	02/20/75	80	3134	31.4	138.8		FFGG					
07437W	3731N	1924-14525	00000/0000	1-10034/0041	02/02/75	100	2883	26.5	142.4		GGFG					
07438W	3732N	1852-14555	00000/0000	1-10032/0929	11/22/74	80	1879	27.0	151.3		GGGG					
07439W	4844N	1765-15123	00000/0000	1-10029/0415	08/27/74	80	666	45.3	140.9		GGGG					
07439W	4146N	1979-14545	00000/0000	1-10036/0438	03/29/75	100	3650	42.0	134.5		PGFF					
07439W	3733N	1996-14493	00000/0000	1-10037/0221	04/15/75	100	3887	49.8	125.5		FFFF					
07440W	4146N	5069-14501	00000/0000	1-10039/0240	06/27/75	90	4905	57.1	113.8		F FF					
07440W	4143N	1997-14540	00000/0000	1-10037/0260	04/16/75	30	3901	48.2	130.3		GGGG					
07440W	4143N	5051-14511	00000/0000	1-10039/0055	06/09/75	60	4654	57.7	115.7		GGFG					
07440W	4141N	1889-14585	00000/0000	1-10033/0438	12/29/74	80	2395	19.3	150.5		GG G					
07440W	3730N	1816-14571	00000/0000	1-10030/1572	10/17/74	60	1377	37.0	146.4		PGPP					
07441W	4848N	1873-15085	00000/0000	1-10033/0336	12/13/74	20	2172	14.4	155.5		GGGG					
07441W	3732N	1978-14503	00000/0000	1-10037/0039	03/28/75	80	3636	43.9	130.5		PGGG					
07441W	3727N	1888-14542	00000/0000	1-10033/0426	12/28/74	80	2381	22.5	148.9		FFFF					
07442W	4144N	5015-14590	00000/0000	1-10037/0542	05/04/75	100	4152	53.2	125.4		GGFF					
07443W	4846N	1891-15081	00000/0000	1-10033/0271	12/31/74	70	2423	13.8	153.3		GGFF					
07443W	3728N	5014-14484	00000/0000	1-10038/0177	05/03/75	50	4138	54.5	119.4		FGPG					
07443W	3725N	5032-14474	00000/0000	1-10038/0315	05/21/75	20	4389	57.5	113.1		GGGG					
07444W	4850N	1999-15032	00000/0000	1-10038/0129	04/18/75	90	3929	45.1	138.1		FGFG					
07444W	4131N	1961-14555	00000/0000	1-10035/1050	03/11/75	80	3399	35.5	137.8		FFFG					
07445W	4451N	1800-15063	00000/0000	1-10030/0870	10/01/74	70	1154	36.9	147.6		GGGG					
07448W	4849N	5053-15002	00000/0000	1-10039/0091	06/11/75	40	4682	55.4	127.4		FFFF					
07448W	3142N	1797-14531	00000/0000	1-10030/0826	09/28/74	60	1112	46.4	135.2		GGGG					

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
07450W	4843N	5035-15013	00000/0000	1-10038/0338	05/24/75	0	4431	53.9	130.7		GF	G			
07452W	4430N	1782-15072	00000/0000	1-10029/1233	09/13/74	80	903	42.9	141.9		GG	G			
07452W	3144N	1761-14544	00000/0000	1-10029/0178	08/23/74	10	610	54.4	117.5		GG	P	G		
07453W	3139N	1743-14552	00000/0000	1-10027/1085	08/05/74	40	359	57.2	108.8		GG	G	P		
07456W	4441N	5088-14535	00000/0000	00000/0000	07/16/75	30	5170	54.3	119.9		P	G	F	G	
07456W	4439N	1854-15051	00000/0000	1-10032/0282	11/24/74	100	1907	20.9	154.7		P	P	G	G	
07456W	4432N	1746-15084	00000/0000	1-10027/1430	08/08/74	20	401	52.5	130.0		GG	P	G		
07456W	3154N	1959-14471	00000/0000	1-10035/0736	03/09/75	90	3371	40.2	130.4		GG	F	G		
07456W	3153N	1941-14480	00000/0000	1-10035/0015	02/19/75	70	3120	34.5	135.2		GG	G	F		
07456W	3149N	1851-14515	00000/0000	1-10032/0375	11/21/74	60	1865	31.6	148.4		GG	P	G		
07456W	3148N	5067-14414	00000/0000	1-10039/0275	06/25/75	40	4877	58.0	96.3		P	F	F	G	
07456W	3145N	1815-14531	00000/0000	1-10031/0461	10/16/74	70	1363	41.4	141.9		P	P	P	P	
07456W	3145N	1869-14511	00000/0000	1-10032/0905	12/09/74	80	2116	28.3	148.3		GG	G	G		
07457W	4442N	1836-15055	00000/0000	1-10031/1052	11/06/74	90	1656	25.4	154.0		P	P	P		
07457W	4439N	1926-15021	00000/0000	1-10034/0096	02/04/75	10	2911	22.1	145.8		GG	G	G	G	
07457W	3147N	1833-14523	00000/0000	1-10031/0877	11/03/74	30	1614	36.2	146.3		GG	G	P		
07457W	3143N	1887-14502	00000/0000	1-10033/0360	12/27/74	80	2367	26.8	146.4		GG	G			
07458W	4440N	1818-15063	00000/0000	1-10030/1673	10/19/74	30	1405	31.0	151.5		GG	G	G		
07458W	4430N	1764-15080	00000/0000	1-10029/0325	08/26/74	10	652	48.1	135.8		GG	G	G		M
07458W	3150N	1995-14453	00000/0000	1-10037/0193	04/14/75	100	3873	51.6	118.4		GG	F	G		
07459W	4440N	1944-15012	00000/0000	1-10035/0373	02/22/75	70	3162	27.5	142.9		F	F	F		
07459W	4434N	1872-15043	00000/0000	1-10033/0096	12/12/74	100	2158	18.0	153.8		GG	G	G		
07459W	3602N	1780-14582	00000/0000	1-10030/0009	09/11/74	30	875	48.5	132.3		P	P	P	P	
07459W	3147N	1977-14463	00000/0000	1-10036/0416	03/27/75	80	3622	46.2	124.8		GG	G	G	G	
07500W	4439N	5070-14550	00000/0000	1-10039/0244	06/28/75	70	4919	56.4	118.8		F	F	G	G	
07500W	4433N	1890-15034	00000/0000	1-10033/0455	12/30/74	90	2409	17.1	151.6		P	G	F	F	
07500W	3601N	1744-14595	00000/0000	1-10027/1317	08/06/74	100	373	56.1	116.4		GG	G	G		
07500W	3140N	5031-14434	00000/0000	1-10038/0272	05/20/75	30	4375	58.1	103.5		F	G	G	G	
07501W	4440N	1962-15003	00000/0000	1-10035/0415	03/12/75	100	3413	34.0	140.0		P	G	F	G	
07501W	4016N	1781-15025	00000/0000	1-10029/1135	09/12/74	60	889	45.9	137.3		GG	G	G		
07501W	3144N	5013-14444	00000/0000	1-10037/0411	05/02/75	90	4124	55.8	110.9		F	F	F	F	
07502W	4018N	1745-15042	00000/0000	1-10027/1334	08/07/74	80	387	54.5	123.4		GG	G	G		
07503W	4436N	5052-14560	00000/0000	1-10039/0071	06/10/75	10	4668	56.9	120.4		P	F	G	F	M
07503W	4435N	1998-14585	00000/0000	1-10037/0269	04/17/75	0	3915	47.1	133.4		F	G	G	F	
07503W	4023N	1817-15020	00000/0000	1-10030/1651	10/18/74	30	1391	34.6	148.6		GG	G	G		

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07503W 4015N	1763-15034	00000/0000 1-10029/0288	08/25/74	30	638	50.6	130.2		GGGG	
07503W 3558N	1762-14591	00000/0000 1-10029/0266	08/24/74	50	624	52.7	124.1		GGGG	
07504W 3613N	1960-14514	00000/0000 1-10035/0901	03/10/75	100	3385	38.2	133.8		GGFF	
07504W 3605N	1924-14532	00000/0000 1-10034/0042	02/02/75	100	2883	27.5	141.6		GGFF	
07505W 3610N	1834-14570	00000/0000 1-10031/0975	11/04/74	10	1628	32.7	149.1		PGGG	
07505W 3609N	1942-14523	00000/0000 1-10035/0032	02/20/75	100	3134	32.3	137.8		G	
07506W 4026N	1835-15013	00000/0000 00000/0000	11/05/74	100	1642	29.1	151.6		PPP	
07506W 4020N	1925-14574	00000/0000 1-10034/0055	02/03/75	10	2897	24.9	143.7		GGGG	M
07506W 4019N	1871-15000	00000/0000 1-10032/0986	12/11/74	0	2144	21.4	152.0		P F	
07506W 3607N	1852-14562	00000/0000 1-10032/0930	11/22/74	60	1879	28.1	150.6		FGGG	
07506W 3607N	1996-14500	00000/0000 1-10037/0222	04/15/75	80	3887	50.4	123.7		FFF	
07507W 4429N	5034-14570	00000/0000 1-10038/0336	05/23/75	10	4417	55.6	124.3		FFGG	
07507W 4022N	1943-14570	00000/0000 1-10035/1084	02/21/75	0	3148	30.0	140.3		GGGG	
07508W 3607N	1978-14505	00000/0000 1-10037/0040	03/28/75	40	3636	44.6	129.1		FFFF	
07508W 3604N	1816-14573	00000/0000 1-10030/1573	10/17/74	70	1377	38.1	145.4		PGPP	
07508W 3600N	1888-14545	00000/0000 1-10033/0427	12/28/74	100	2381	23.6	148.2		FFFF	
07509W 4018N	5051-14513	00000/0000 1-10039/0056	06/09/75	50	4654	58.0	113.2		GGFG	
07510W 4021N	1979-14552	00000/0000 1-10036/0439	03/29/75	100	3650	42.8	133.1		FGGG	
07510W 4018N	1997-14542	00000/0000 1-10037/0261	04/16/75	40	3901	48.9	128.6		GGFG	
07510W 4015N	1889-14592	00000/0000 1-10033/0439	12/29/74	100	2395	20.4	149.9		FGFF	
07510W 3603N	5014-14490	00000/0000 1-10038/0178	05/03/75	30	4138	55.0	117.2		PGPG	M
07510W 3559N	5032-14481	00000/0000 1-10038/0316	05/21/75	10	4389	57.7	110.6		GGGG	
07511W 4731N	1837-15104	00000/0000 1-10032/0001	11/07/74	100	1670	22.9	155.6		PPGG	
07511W 4018N	5015-14533	00000/0000 1-10037/0543	05/04/75	100	4152	53.8	123.3		FGGG	
07512W 4721N	1783-15121	00000/0000 1-10029/1154	09/14/74	80	917	40.7	144.9		GGGG	
07513W 4723N	1747-15133	00000/0000 1-10027/1528	08/09/74	20	415	50.9	134.2		GGGG	
07514W 4731N	5089-14584	00000/0000 1-10040/0194	07/17/75	40	5184	53.2	124.4		FGFG	
07514W 4719N	1765-15125	00000/0000 1-10029/0416	08/27/74	90	666	46.2	139.3		GGGP	
07514W 4015N	5033-14523	00000/0000 1-10038/0322	05/22/75	40	4403	56.9	117.6		GGGF	
07514W 4005N	1961-14561	00000/0000 1-10035/1051	03/11/75	90	3399	36.4	136.7		FFFF	
07515W 4731N	1819-15112	00000/0000 1-10030/1588	10/20/74	80	1419	28.5	153.5		GGG	
07516W 4727N	1855-15100	00000/0000 1-10032/0457	11/25/74	100	1921	18.4	156.0		PGGG	
07517W 4326N	1800-15065	00000/0000 1-10030/0871	10/01/74	70	1154	37.9	146.5		GGGG	
07518W 4728N	1945-15062	00000/0000 1-10035/0384	02/23/75	60	3176	26.0	144.5		GGFG	
07518W 4727N	1927-15070	00000/0000 1-10035/0055	02/05/75	70	2925	20.4	147.1		GGGG	

KEYS: CLOUD COVER %0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PAGE 0378

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B P P B P	C C D D			
07518W	4722N	1873-15092	00000/0000	1-10033/0337	12/13/74	80	2172	15.6	154.9		GGGG					
07520W	4721N	1891-15083	00000/0000	1-10033/0272	12/31/74	10	2423	14.9	152.7		GGFG					
07521W	4725N	1999-15034	00000/0000	1-10038/0130	04/18/75	100	3929	45.9	136.5		FFFG					
07524W	4725N	5053-15005	00000/0000	1-10039/0092	06/11/75	50	4682	55.9	125.0		GF					
07525W	4305N	1782-15074	00000/0000	1-10029/1234	09/13/74	40	903	43.8	140.5		GGGG					
07526W	4719N	5035-15015	00000/0000	1-10038/0339	05/24/75	0	4431	54.6	128.5		FFGG					
07526W	3435N	1780-14585	00000/0000	1-10030/0010	09/11/74	50	875	49.3	130.7		G P					
07527W	3436N	1744-15001	00000/0000	1-10027/1318	08/06/74	100	373	56.5	114.1		GGGG					
07528W	4316N	5088-14542	00000/0000	00000/0000	07/16/75	80	5170	54.8	117.6		FGFF					
07529W	4317N	1836-15062	00000/0000	1-10031/1053	11/06/74	90	1656	26.6	153.3		PPG					
07529W	4314N	1854-15053	00000/0000	1-10032/0283	11/24/74	100	1907	22.0	154.0		GPPG					
07529W	4314N	1926-15024	00000/0000	1-10034/0097	02/04/75	20	2911	23.1	145.1		GGFG					
07529W	4308N	1746-15091	00000/0000	1-10027/1431	08/08/74	10	401	53.2	128.0		GGPG					
07530W	4309N	1872-15045	00000/0000	1-10033/0097	12/12/74	100	2158	19.1	153.1		GGFF					
07530W	4304N	1764-15083	00000/0000	1-10029/0326	08/26/74	30	652	48.9	134.1		GGGG					
07530W	3850N	1781-15032	00000/0000	1-10029/1136	09/12/74	30	889	46.7	135.8		GGGP					
07530W	3448N	1960-14520	00000/0000	1-10035/0902	03/10/75	90	3385	39.0	132.6		FFFG					
07530W	3439N	1924-14534	00000/0000	1-10034/0043	02/02/75	100	2883	28.4	140.9		GGGG					
07530W	3432N	1762-14593	00000/0000	1-10029/0267	08/24/74	70	624	53.3	122.1		GGGG					
07531W	4315N	1818-15070	00000/0000	1-10030/1674	10/19/74	50	1405	32.1	150.7		PGPG					
07532W	4314N	1944-15015	00000/0000	1-10035/0382	02/22/75	80	3162	28.5	142.0		F					
07532W	4314N	5070-14552	00000/0000	1-10039/0245	06/28/75	90	4919	56.7	116.3		FFFF					
07532W	3851N	1745-15044	00000/0000	1-10027/1335	08/07/74	90	387	55.1	121.3		GGGG					
07532W	3444N	1834-14572	00000/0000	1-10031/0976	11/04/74	30	1628	33.7	148.3		GPFG					
07532W	3443N	1942-14525	00000/0000	1-10035/0033	02/20/75	100	3134	33.2	136.9		G					
07533W	4315N	1962-15010	00000/0000	1-10035/0416	03/12/75	100	3413	34.9	138.9		GGGF					
07533W	4307N	1890-15041	00000/0000	1-10033/0456	12/30/74	90	2409	18.2	151.0		GGFG					
07533W	3858N	1817-15023	00000/0000	1-10030/1652	10/18/74	20	1391	35.7	147.7		GGGG					
07533W	3848N	1763-15040	00000/0000	1-10029/0289	08/25/74	60	638	51.3	128.4		GGGG					
07533W	3442N	1996-14502	00000/0000	1-10037/0223	04/15/75	80	3887	50.9	121.8		GGFF					
07533W	3441N	1852-14564	00000/0000	1-10032/0931	11/22/74	40	1879	29.2	149.9		FGGG					
07534W	3440N	1978-14512	00000/0000	1-10037/0041	03/28/75	80	3636	45.2	127.6		FFGG					
07534W	3433N	1888-14551	00000/0000	1-10033/0428	12/28/74	100	2381	24.7	147.6		FGFG					
07535W	4309N	1998-14591	00000/0000	1-10037/0270	04/17/75	0	3915	47.8	131.7		GGGG					
07535W	3855N	1925-14581	00000/0000	1-10034/0056	02/03/75	70	2897	25.8	143.0		GGFF					

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P B P C C D D
07535W 3853N	1871-15002	00000/0000	1-10032/0987	12/11/74	10	2144	22.6	151.4		F F	
07535W 3438N	1816-14580	00000/0000	1-10030/1574	10/17/74	80	1377	39.1	144.4		PGPP	
07536W 4310N	5052-14562	00000/0000	1-10039/0072	06/10/75	10	4668	57.3	118.0		FFFF	M
07536W 3900N	1835-15015	00000/0000	00000/0000	11/05/74	100	1642	30.2	150.9		GGPP	
07536W 3856N	1943-14572	00000/0000	1-10035/1085	02/21/75	0	3148	30.9	139.4		GGGG	M
07536W 3439N	5014-14493	00000/0000	1-10038/0179	05/03/75	30	4138	55.3	115.0		PPPG	
07537W 3433N	5032-14483	00000/0000	1-10038/0317	05/21/75	20	4389	57.9	108.1		GGFG	
07538W 3852N	1997-14545	00000/0000	1-10037/0262	04/16/75	50	3901	49.5	126.8		GGFG	
07538W 3852N	5051-14520	00000/0000	1-10039/0057	06/09/75	30	4654	58.2	110.6		FFFF	
07538W 3850N	1889-14594	00000/0000	1-10033/0440	12/29/74	100	2395	21.5	149.3		PPFF	
07539W 4303N	5034-14572	00000/0000	1-10038/0337	05/23/75	10	4417	56.1	122.0		FGF	
07539W 3855N	1979-14554	00000/0000	1-10036/0440	03/29/75	80	3650	43.5	131.7		FGGG	
07540W 3853N	5015-14535	00000/0000	1-10037/0544	05/04/75	90	4152	54.3	121.2		GGFE	M
07543W 3850N	5033-14530	00000/0000	1-10038/0323	05/22/75	20	4403	57.2	115.2		GGGG	
07543W 3840N	1961-14564	00000/0000	1-10035/1052	03/11/75	70	3399	37.2	135.5		PPFF	
07546W 4606N	1837-15111	00000/0000	1-10032/0002	11/07/74	50	1670	24.0	154.8		PPGG	
07547W 4556N	1783-15123	00000/0000	1-10029/1155	09/14/74	60	917	41.7	143.6		GGGG	
07548W 4558N	1747-15140	00000/0000	1-10027/1529	08/09/74	10	415	51.6	132.2		GGGG	
07548W 4201N	1800-15072	00000/0000	1-10030/0872	10/01/74	100	1154	38.9	145.4		PGGG	
07549W 4606N	5089-14591	00000/0000	1-10040/0195	07/17/75	10	5184	53.7	122.2		FFGG	
07549W 4605N	1819-15115	00000/0000	1-10030/1589	10/20/74	70	1419	29.6	152.6		GPG	
07549W 4554N	1765-15132	00000/0000	1-10029/0417	08/27/74	100	666	47.1	137.7		GGPP	
07552W 4603N	1855-15103	00000/0000	1-10032/0458	11/25/74	100	1921	19.5	155.3		PPPP	
07552W 3309N	1780-14591	00000/0000	1-10030/0011	09/11/74	80	875	50.0	129.0		GPG	
07553W 4603N	1945-15064	00000/0000	1-10035/0385	02/23/75	90	3176	26.9	143.6		GGFE	
07553W 4603N	5071-15001	00000/0000	1-10039/0378	06/29/75	10	4933	55.9	121.1		FFFF	
07553W 4602N	1927-15073	00000/0000	1-10035/0056	02/05/75	90	2925	21.4	146.4		GGGG	
07553W 4557N	1873-15094	00000/0000	1-10033/0338	12/13/74	90	2172	16.7	154.3		GGGG	
07553W 3311N	1744-15004	00000/0000	1-10027/1319	08/06/74	100	373	56.8	111.7		GGGG	
07555W 4556N	1891-15090	00000/0000	1-10033/0273	12/31/74	20	2423	16.0	152.1		GGFG	
07555W 3307N	1762-15000	00000/0000	1-10029/0268	08/24/74	60	624	53.8	120.1		PGGG	
07556W 4559N	1999-15041	00000/0000	1-10038/0131	04/18/75	90	3929	46.7	134.9		GGFE	
07556W 4140N	1782-15081	00000/0000	1-10029/1235	09/13/74	40	903	44.7	139.1		GGGG	
07556W 3322N	1960-14523	00000/0000	1-10035/0903	03/10/75	90	3385	39.7	131.4		GGFE	
07556W 3313N	1924-14541	00000/0000	1-10034/0044	02/02/75	100	2883	29.4	140.1		GGGG	

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COORDINATE LISTING WITH PRODUCT DATA
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FROM 07/23/74 TO 07/23/75

PAGE 0380

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07557W 4850N	1802-15165	00000/0000	1-10030/0932	10/03/74	10	1182	33.2	151.1		GGGG	
07558W 4600N	5053-15011	00000/0000	1-10039/0093	06/11/75	20	4682	56.5	122.7		GFG	
07558W 3724N	1781-15034	00000/0000	1-10029/1137	09/12/74	0	889	47.5	134.3		GGGR	
07558W 3317N	1942-14532	00000/0000	1-10035/0029	02/20/75	100	3134	34.0	135.9		FGFF	
07559W 3318N	1834-14575	00000/0000	1-10031/0977	11/04/74	30	1628	34.8	147.4		GGGP	
07559W 3316N	1996-14505	00000/0000	1-10037/0224	04/15/75	70	3887	51.4	119.9		FFFF	
07559W 3314N	1852-14571	00000/0000	1-10032/0932	11/22/74	60	1879	30.3	149.2		FGGF	
07600W 4152N	1836-15064	00000/0000	1-10031/1054	11/06/74	70	1656	27.7	152.5		PPG	
07600W 4151N	5088-14544	00000/0000	00000/0000	07/16/75	90	5170	55.1	115.3		GGFF	
07600W 4139N	1764-15085	00000/0000	1-10029/0327	08/26/74	70	652	49.7	132.4		GGGR	
07600W 3725N	1745-15051	00000/0000	1-10027/1336	08/07/74	80	387	55.5	119.1		GGGG	
07600W 3314N	1978-14514	00000/0000	1-10037/0042	03/28/75	60	3636	45.9	126.1		FGFG	
07600W 3308N	1888-14554	00000/0000	1-10033/0429	12/28/74	100	2381	25.7	146.9		GFFF	
07601W 4555N	5035-15022	00000/0000	1-10038/0340	05/24/75	0	4431	55.2	126.3		FFGG	
07601W 4148N	1854-15060	00000/0000	1-10032/0284	11/24/74	90	1907	23.2	153.4		GGPG	
07601W 4148N	1926-15030	00000/0000	1-10034/0098	02/04/75	90	2911	24.1	144.3		FFGG	
07601W 4142N	1746-15093	00000/0000	1-10027/1432	08/08/74	30	401	53.8	125.9		GGPG	
07601W 3724N	1763-15043	00000/0000	1-10029/0290	08/25/74	60	638	51.9	126.5		GGGG	
07601W 3312N	1816-14582	00000/0000	1-10030/1575	10/17/74	70	1377	40.1	143.3		PGFP	
07602W 4845N	1784-15173	00000/0000	1-10029/1219	09/15/74	100	931	39.4	146.4		PGPG	
07602W 4144N	1872-15052	00000/0000	1-10033/0098	12/12/74	100	2158	20.2	152.5		GFGG	
07602W 3732N	1817-15025	00000/0000	1-10030/1653	10/18/74	20	1391	36.7	146.7		GGGG	
07602W 3313N	5014-14495	00000/0000	1-10038/0180	05/03/75	20	4138	55.7	112.8		FFFG	
07603W 4855N	1856-15152	00000/0000	1-10032/0492	11/26/74	90	1935	17.0	156.6		GGPR	
07603W 4852N	1730-15193	00000/0000	1-10027/0534	07/23/74	90	178	53.7	132.6		GGGR	
07603W 4150N	1818-15072	00000/0000	1-10030/1675	10/19/74	50	1405	33.2	149.7		GGPG	
07603W 4149N	1944-15021	00000/0000	1-10035/0383	02/22/75	20	3162	29.4	141.1		G	
07603W 3730N	1943-14575	00000/0000	1-10035/1086	02/21/75	0	3148	31.8	138.5		GF	
07603W 3729N	1925-14583	00000/0000	1-10034/0057	02/03/75	100	2897	26.8	142.2		GF F	
07603W 3307N	5032-14490	00000/0000	1-10038/0318	05/21/75	30	4389	58.1	105.6		GGGG	
07604W 4854N	1838-15160	00000/0000	1-10031/1084	11/08/74	60	1684	21.4	156.4		GPPP	
07604W 4843N	1766-15181	00000/0000	1-10029/0471	08/28/74	60	680	45.1	141.2		GGGG	
07604W 4149N	1962-15012	00000/0000	1-10035/0417	03/12/75	100	3413	35.7	137.8		GGGF	
07604W 4142N	1890-15043	00000/0000	1-10033/0457	12/30/74	100	2409	19.3	150.4		FGFF	
07604W 3727N	1871-15005	00000/0000	1-10032/0988	12/11/74	10	2144	23.7	150.8		P F	

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03:20 SEP 30, 1975

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0381

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
07605W	4847N	1748-15185	00000/0000	1-10027/1547	08/10/74	0	429	49.9	136.3		GGGG				
07605W	3735N	1835-15022	00000/0000	00000/0000	11/05/74	60	1642	31.3	150.1		GPPP				
07605W	3725N	1889-15001	00000/0000	1-10033/0441	12/29/74	100	2395	22.5	148.7		GF GF				
07606W	4855N	1946-15113	00000/0000	1-10035/0248	02/24/75	50	3190	25.4	145.3		GGGG				
07606W	4854N	1820-15164	00000/0000	1-10030/1692	10/21/74	90	1433	27.0	154.5		GGGG				
07606W	4145N	5052-14565	00000/0000	1-10039/0073	06/10/75	20	4668	57.7	115.5		FGFF				
07606W	4144N	1998-14594	00000/0000	1-10037/0271	04/17/75	10	3915	48.5	130.0		GGGG				
07606W	3727N	5051-14522	00000/0000	1-10039/0058	06/09/75	20	4654	58.4	108.1		GGFG				
07607W	4850N	1874-15143	00000/0000	1-10033/0322	12/14/74	0	2186	14.3	155.4		GGGG				
07607W	3729N	1979-14561	00000/0000	1-10036/0441	03/29/75	70	3650	44.3	130.2		FFGG				
07607W	3726N	1997-14551	00000/0000	1-10037/0263	04/16/75	50	3901	50.2	125.0		GGFG				
07608W	4848N	1928-15122	00000/0000	1-10034/0173	02/06/75	50	2939	19.7	147.7		GGFG				
07608W	4842N	1892-15135	00000/0000	1-10033/0532	01/01/75	90	2437	13.9	153.1		FFPF				
07608W	3728N	5015-14542	00000/0000	1-10037/0545	05/04/75	80	4152	54.7	119.1		GGFF				M
07610W	4854N	5072-15050	00000/0000	1-10039/0317	06/30/75	50	4947	54.8	125.7		FFPF				
07611W	4850N	1982-15095	00000/0000	1-10038/0091	04/01/75	60	3692	39.0	140.7		GGFG				
07611W	3724N	5033-14532	00000/0000	1-10038/0324	05/22/75	40	4403	57.6	112.7		GGGG				
07615W	4846N	5036-15071	00000/0000	1-10038/0408	05/25/75	40	4445	54.0	130.6		GGGG				
07615W	4843N	5018-15080	00000/0000	1-10037/0569	05/07/75	0	4194	50.6	134.4		FGGG				
07617W	3143N	1780-14594	00000/0000	1-10030/0012	09/11/74	90	875	50.6	127.3		GP				
07618W	4036N	1800-15074	00000/0000	1-10030/0873	10/01/74	70	1154	39.9	144.2		GGGG				
07619W	3145N	1744-15010	00000/0000	1-10027/1320	08/06/74	70	373	57.0	109.4		GGGG				
07620W	3150N	5086-14462	00000/0000	00000/0000	07/14/75	40	5142	56.4	98.4		FFFG				
07620W	3141N	1762-15002	00000/0000	1-10029/0269	08/24/74	60	624	54.3	118.0		GGGG				
07621W	4441N	1837-15113	00000/0000	1-10032/0003	11/07/74	50	1670	25.2	154.1		PPGG				
07621W	4432N	1747-15142	00000/0000	1-10027/1530	08/09/74	20	415	52.3	130.3		GGGG				
07621W	4431N	1783-15130	00000/0000	1-10029/1156	09/14/74	60	917	42.6	142.2		GGGG				
07622W	4441N	5089-14593	00000/0000	1-10040/0196	07/17/75	20	5184	54.2	120.0		GGGG				M
07622W	4440N	1819-15121	00000/0000	1-10030/1590	10/20/74	70	1419	30.7	151.7		GPG				
07622W	3156N	1960-14525	00000/0000	1-10035/0904	03/10/75	90	3385	40.5	130.1		FGGG				
07622W	3147N	1924-14543	00000/0000	1-10034/0045	02/02/75	20	2883	30.3	139.2		FGGG				
07622W	3147N	5068-14472	00000/0000	1-10039/0262	06/26/75	50	4891	57.9	96.3		FGFG				
07623W	4429N	1765-15134	00000/0000	1-10029/0418	08/27/74	90	666	47.9	136.1		GGGG				
07624W	3152N	1834-14581	00000/0000	1-10031/0978	11/04/74	40	1628	35.9	146.5		GGGP				
07624W	3151N	1942-14534	00000/0000	1-10035/0030	02/20/75	90	3134	34.8	134.9		GGFF				

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 COORDINATE LISTING WITH PRODUCT DATA
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PAGE 0382

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE	QUALITY	PRODUCTS			
LONG	LAT		RBV	MSS						RBV 123	MSS 45678	B C	P C	P D	P D
07624W	3148N	1852-14573	00000/0000	1-10032/0933	11/22/74	30	1879	31.4	148.4		GGGG				
07625W	3150N	1996-14511	00000/0000	1-10037/0225	04/15/75	70	3887	51.9	118.0		FFFG				
07625W	3142N	1888-14560	00000/0000	1-10033/0430	12/28/74	80	2381	26.8	146.3		GGGP				
07626W	4438N	1855-15105	00000/0000	1-10032/0459	11/25/74	100	1921	20.7	154.7		GPG				
07626W	4438N	1945-15071	00000/0000	1-10035/0386	02/23/75	100	3176	27.9	142.7		GFFG				
07626W	4437N	1927-15075	00000/0000	1-10035/0057	02/05/75	90	2925	22.4	145.6		GGGG				
07626W	4432N	1873-15101	00000/0000	1-10033/0339	12/13/74	80	2172	17.9	153.7		GGGF				
07626W	4014N	1782-15083	00000/0000	1-10029/1236	09/13/74	80	903	45.6	137.7		GGGG				
07626W	3558N	1781-15041	00000/0000	1-10029/1138	09/12/74	10	889	48.3	132.7		PGGP				
07626W	3148N	1978-14521	00000/0000	1-10037/0043	03/28/75	40	3636	46.5	124.5		FFTF				
07626W	3146N	1816-14585	00000/0000	1-10030/1576	10/17/74	70	1377	41.0	142.2		PGPP				
07627W	4438N	5071-15004	00000/0000	1-10039/0379	06/29/75	10	4933	56.3	118.7		FFGG				
07627W	3147N	5014-14502	00000/0000	1-10038/0181	05/03/75	30	4138	56.0	110.5		PFFG				
07628W	4431N	1891-15092	00000/0000	1-10033/0274	12/31/74	70	2423	17.1	151.5		FGTG				
07628W	3559N	1745-15053	00000/0000	1-10027/1337	08/07/74	70	387	55.9	116.8		GGGG				
07628W	3557N	1763-15045	00000/0000	1-10029/0291	08/25/74	80	638	52.5	124.6		GGGP				
07628W	3141N	5032-14492	00000/0000	1-10038/0319	05/21/75	30	4389	58.2	103.1		GGGF				
07629W	4014N	1764-15092	00000/0000	1-10029/0328	08/26/74	100	652	50.4	130.6		GGGG				
07629W	3606N	1817-15032	00000/0000	1-10030/1654	10/18/74	10	1391	37.7	145.7		GGGG				
07630W	4435N	5053-15014	00000/0000	1-10039/0094	06/11/75	10	4682	56.9	120.2		FGG				
07630W	4434N	1999-15043	00000/0000	1-10038/0132	04/18/75	80	3929	47.4	133.2		FGFF				
07630W	3604N	1925-14590	00000/0000	1-10034/0058	02/03/75	100	2897	27.7	141.4		GGGF				
07631W	4023N	1854-15062	00000/0000	1-10032/0285	11/24/74	60	1907	24.3	152.7		GGPG				
07631W	4023N	1926-15033	00000/0000	1-10034/0099	02/04/75	100	2911	25.1	143.6		GFGF				
07631W	4016N	1746-15100	00000/0000	1-10027/1433	08/08/74	80	401	54.4	123.8		GGPG				
07632W	4026N	1836-15071	00000/0000	1-10031/1055	11/06/74	60	1656	28.8	151.7		PGGG				
07632W	4024N	1818-15075	00000/0000	1-10030/1676	10/19/74	20	1405	34.3	148.8		PPPG				
07632W	4018N	1872-15054	00000/0000	1-10033/0099	12/12/74	50	2158	21.3	151.9		GGGG				
07632W	3609N	1835-15024	00000/0000	00000/0000	11/05/74	40	1642	32.4	149.2		GPPP				
07632W	3602N	1871-15011	00000/0000	1-10032/0989	12/11/74	80	2144	24.8	150.1		FFP				
07633W	4024N	1944-15024	00000/0000	1-10035/0374	02/22/75	0	3162	30.3	140.2		FFFG				
07633W	3601N	5051-14525	00000/0000	1-10039/0059	06/09/75	20	4654	58.6	105.5		GFFG				
07633W	3559N	1889-15003	00000/0000	1-10033/0442	12/29/74	100	2395	23.6	148.1		GFGF				
07634W	4726N	1802-15171	00000/0000	1-10030/0933	10/03/74	10	1182	34.3	150.0		GGG				
07634W	4023N	1962-15015	00000/0000	1-10035/0418	09/12/75	100	3413	36.6	136.7		GGGF				

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 COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07634W	4017N	1890-15050	00000/0000	1-10033/0458	12/30/74	90	2409	20.4	149.8	GGGG	
07634W	3603N	1979-14563	00000/0000	1-10036/0442	03/29/75	60	3650	44.9	128.7	FGGG	
07634W	3600N	1997-14554	00000/0000	1-10037/0264	04/16/75	40	3901	50.7	123.2	GGFG	
07635W	4429N	5035-15024	00000/0000	1-10038/0341	05/24/75	10	4431	55.7	124.0	GGGG	
07635W	3602N	5015-14544	00000/0000	1-10037/0546	05/04/75	70	4152	55.2	116.9	GGGE	
07636W	4019N	5052-14571	00000/0000	1-10039/0064	06/10/75	100	4668	58.0	113.0	F FF	
07636W	4018N	1998-15000	00000/0000	1-10037/0272	04/17/75	10	3915	49.2	128.3	GFUG	
07638W	3558N	5033-14535	00000/0000	1-10038/0325	05/22/75	40	4403	57.8	110.3	GGGG	
07638W	3548N	1961-14573	00000/0000	1-10035/1053	03/11/75	90	3399	38.8	133.2	FFFFG	
07639W	4720N	1784-15175	00000/0000	1-10029/1220	09/15/74	90	931	40.4	145.1	PPPG	
07640W	4730N	1838-15163	00000/0000	1-10031/1085	11/08/74	100	1684	22.6	155.6	GPGP	
07640W	4730N	1856-15154	00000/0000	1-10032/0493	11/26/74	90	1935	18.1	156.0	GGPP	
07640W	4728N	1730-15195	00000/0000	1-10027/0535	07/23/74	100	178	54.4	130.5	PGGP	
07640W	4718N	1766-15184	00000/0000	1-10029/0472	08/28/74	50	680	45.9	139.6	GGGG	
07641W	4722N	1748-15192	00000/0000	1-10027/1548	08/10/74	0	429	50.7	134.4	GGGG	
07641W	3017N	1780-15000	00000/0000	1-10030/0013	09/11/74	100	875	51.3	125.5	PGPP	
07642W	4730N	1946-15120	00000/0000	1-10035/0249	02/24/75	90	3190	26.3	144.4	GGGG	
07643W	4730N	1820-15171	00000/0000	1-10030/1693	10/21/74	80	1433	28.2	153.6	PGGG	
07643W	4725N	1874-15150	00000/0000	1-10033/0323	12/14/74	0	2186	15.5	154.8	GGGG	
07644W	4723N	1928-15125	00000/0000	1-10034/0174	02/06/75	50	2939	20.7	146.9	GGFP	
07644W	4717N	1892-15142	00000/0000	1-10033/0533	01/01/75	90	2437	15.0	152.5	FFFF	
07644W	3019N	1744-15013	00000/0000	1-10027/1321	08/06/74	50	373	57.2	107.0	GGGG	
07644W	3016N	1762-15005	00000/0000	1-10029/0270	08/24/74	40	624	54.7	115.9	GGGG	
07645W	3024N	5086-14464	00000/0000	00000/0000	07/14/75	50	5142	56.3	96.1	FFGF	
07646W	4728N	5072-15053	00000/0000	1-10039/0318	06/30/75	50	4947	55.3	123.4	FGFG	
07646W	3030N	1960-14532	00000/0000	1-10035/0905	03/10/75	80	3385	41.2	128.9	FGGG	
07646W	3021N	1924-14550	00000/0000	1-10034/0046	02/02/75	20	2883	31.2	138.4	FGGG	
07647W	4725N	1982-15102	00000/0000	1-10038/0092	04/01/75	40	3692	39.9	139.3	FGFG	
07647W	3910N	1800-15081	00000/0000	1-10030/0874	10/01/74	30	1154	40.9	143.1	PGGG	
07647W	3021N	5068-14474	00000/0000	1-10039/0263	06/26/75	80	4891	57.8	93.8	FGFG	
07648W	3025N	1834-14584	00000/0000	1-10031/0979	11/04/74	30	1628	36.9	145.6	GGGR	
07649W	3025N	1942-14541	00000/0000	1-10035/0031	02/20/75	70	3134	35.7	133.9	GGGE	
07649W	3023N	1996-14514	00000/0000	1-10037/0226	04/15/75	60	3887	52.3	116.0	FFFF	
07649W	3022N	1852-14580	00000/0000	1-10032/0934	11/22/74	30	1879	32.4	147.7	FGGF	
07650W	4721N	5036-15073	00000/0000	1-10038/0409	05/25/75	50	4445	54.7	128.4	GGGG	

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 OF POOR QUALITY

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS			
LONG	LAT		RBV	MSS		%				123	45678	B	P	P	B
												C	C	D	D
07650W	3023N	1978-14523	00000/0000	1-10037/0044	03/28/75	40	3636	47.1	122.9		FGFG				
07650W	3016N	1888-14563	00000/0000	1-10033/0431	12/28/74	70	2381	27.8	145.6		GGGG				
07651W	4718N	5018-15083	00000/0000	1-10037/0570	05/07/75	10	4194	51.4	132.5		FGFG				
07651W	3021N	5014-14504	00000/0000	1-10038/0182	05/03/75	30	4138	56.2	108.2		PG				
07651W	3020N	1816-14591	00000/0000	1-10030/1577	10/17/74	50	1377	42.0	141.1		PPP				
07652W	3433N	1781-15043	00000/0000	1-10029/1139	09/12/74	70	889	49.0	131.1		GGGG				
07653W	4307N	1747-15145	00000/0000	1-10027/1531	08/09/74	50	415	53.0	128.3		GGGG				
07653W	4307N	1783-15132	00000/0000	1-10029/1157	09/14/74	60	917	43.5	140.9		GGGG				
07653W	3431N	1763-15052	00000/0000	1-10029/0292	08/25/74	90	638	53.1	122.6		GGGG				
07653W	3016N	5032-14495	00000/0000	1-10038/0320	05/21/75	40	4389	58.2	100.6		GGGG				
07654W	4315N	1837-15120	00000/0000	1-10032/0004	11/07/74	50	1670	26.3	153.3		GGG				
07654W	3434N	1745-15060	00000/0000	1-10027/1338	08/07/74	60	387	56.3	114.5		GGGG				
07655W	4316N	5089-15000	00000/0000	1-10040/0197	07/17/75	20	5184	54.6	117.7		FFFG				
07655W	4315N	1819-15124	00000/0000	1-10030/1591	10/20/74	70	1419	31.8	150.8		PPG				
07655W	3848N	1782-15090	00000/0000	1-10029/1237	09/13/74	30	903	46.4	136.2		GGGR				M
07656W	4304N	1765-15141	00000/0000	1-10029/0419	08/27/74	80	666	48.7	134.4		GGGG				
07656W	3439N	1817-15034	00000/0000	1-10030/1655	10/18/74	0	1391	38.8	144.7		GGFG				
07657W	3437N	1925-14592	00000/0000	1-10034/0059	02/03/75	100	2897	28.7	140.6		GGFG				
07658W	4313N	1945-15073	00000/0000	1-10035/0387	02/23/75	100	3176	28.8	141.8		FGFF				
07658W	4312N	1855-15112	00000/0000	1-10032/0460	11/25/74	100	1921	21.8	154.0		PPG				
07658W	4312N	1927-15082	00000/0000	1-10035/0058	02/05/75	90	2925	23.4	144.9		FGGF				
07658W	4307N	1873-15103	00000/0000	1-10033/0340	12/13/74	90	2172	19.0	153.0		FGGG				
07658W	3849N	1764-15094	00000/0000	1-10029/0329	08/26/74	90	652	51.1	128.8		GGFG				
07658W	3438N	1943-14584	00000/0000	1-10035/1087	02/21/75	20	3148	33.5	136.6		GG				
07658W	3438N	5069-14521	00000/0000	1-10039/0266	06/27/75	80	4905	57.9	101.3		GGGG				
07659W	3443N	1835-15031	00000/0000	00000/0000	11/05/74	70	1642	33.5	148.4		GPPG				
07659W	3436N	1871-15014	00000/0000	1-10032/0990	12/11/74	80	2144	25.9	149.5		FFFF				
07659W	3434N	1889-15010	00000/0000	1-10033/0443	12/29/74	100	2395	24.7	147.4		PPFF				
07700W	4312N	1981-15055	00000/0000	1-10036/0450	03/31/75	30	3678	42.0	135.5		GGGG				
07700W	4306N	1891-15095	00000/0000	1-10033/0275	12/31/74	90	2423	18.2	150.9		FGGF				
07700W	3850N	1746-15102	00000/0000	1-10027/1434	08/08/74	90	401	54.9	121.6		GPPG				
07700W	3437N	1979-14570	00000/0000	1-10036/0443	03/29/75	50	3650	45.6	127.2		FGGF				
07701W	3900N	1836-15073	00000/0000	1-10031/1056	11/06/74	20	1656	29.9	151.0		PGPP				
07701W	3858N	1818-15081	00000/0000	1-10030/1677	10/19/74	50	1405	35.4	147.9		PGFG				
07701W	3857N	1854-15065	00000/0000	1-10032/0286	11/24/74	10	1907	25.4	152.0		GGGG				M

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07701W 3857N	1926-15035	00000/0000	1-10034/0100	02/04/75	100	2911	26.1	142.8		GGGG	
07701W 3435N	1997-14560	00000/0000	1-10037/0265	04/16/75	30	3901	51.2	121.3		GGFF	
07702W 4308N	5053-15020	00000/0000	1-10039/0095	06/11/75	40	4682	57.3	117.8		FFG	
07702W 3858N	1944-15030	00000/0000	1-10035/0375	07/22/75	10	3162	31.2	139.2		GGFG	
07702W 3852N	1872-15061	00000/0000	1-10033/0100	12/12/74	20	2158	22.4	151.3		GGGG	M
07702W 3437N	5015-14551	00000/0000	1-10037/0547	05/04/75	70	4152	55.5	114.6		GGGF	
07703W 3857N	1962-15021	00000/0000	1-10035/0419	03/12/75	100	3413	37.4	135.6		GGGF	
07703W 3851N	1890-15052	00000/0000	1-10033/0459	12/30/74	60	2409	21.4	149.2		GGGF	
07704W 3433N	5033-14541	00000/0000	1-10038/0326	05/22/75	20	4403	58.0	107.8		GGGF	
07704W 3421N	1961-14575	00000/0000	1-10035/1054	03/11/75	90	3399	39.6	132.0		FFFFG	
07704W 2852N	1780-15003	00000/0000	1-10030/0014	09/11/74	70	875	51.9	123.7		PGPG	
07705W 3853N	5016-14593	00000/0000	1-10037/0642	05/05/75	90	4166	54.5	120.9		GGFG	
07705W 3859N	5052-14574	00000/0000	1-10039/0065	06/10/75	100	4668	58.3	110.4		F FG	
07705W 3852N	1998-15003	00000/0000	1-10037/0273	04/17/75	20	3915	49.8	126.5		PGGG	
07707W 4304N	5035-15031	00000/0000	1-10038/0342	05/24/75	10	4431	56.2	121.7		FFFFG	
07708W 2853N	1744-15015	00000/0000	1-10027/1322	08/06/74	40	373	57.4	104.6		GGGG	
07708W 2849N	1762-15011	00000/0000	1-10029/0271	08/24/74	30	624	55.0	113.8		GGGG	
07709W 4601N	1802-15174	00000/0000	1-10030/0934	10/03/74	10	1182	35.3	149.0		PGG	
07709W 2858N	5086-14471	00000/0000	00000/0000	07/14/75	30	5142	56.2	93.7		GGGG	
07711W 2903N	1960-14534	00000/0000	1-10035/0906	03/10/75	70	3385	41.9	127.6		GGGG	
07711W 2855N	1924-14552	00000/0000	1-10034/0047	02/02/75	20	2883	32.1	137.5		GGGG	
07711W 2855N	5068-14481	00000/0000	1-10039/0264	06/26/75	90	4891	57.6	91.4		GGFF	
07712W 2858N	1834-14590	00000/0000	1-10031/0980	11/04/74	30	1628	37.9	144.7		GGGP	
07713W 2859N	1942-14543	00000/0000	1-10035/0034	02/20/75	60	3134	36.5	132.8		G	
07713W 2856N	1852-14582	00000/0000	1-10032/0935	11/22/74	50	1879	33.5	146.9		GGGG	
07714W 4556N	1784-15182	00000/0000	1-10029/1221	09/15/74	80	931	41.4	143.8		PGGG	
07714W 4554N	1766-15190	00000/0000	1-10029/0473	08/28/74	40	680	46.8	138.0		GGGG	
07714W 2857N	1996-14520	00000/0000	1-10037/0227	04/15/75	90	3887	52.7	114.1		FFFF	
07714W 2854N	1816-14594	00000/0000	1-10030/1578	10/17/74	40	1377	42.9	139.9		PGP	
07714W 2850N	1888-14565	00000/0000	1-10033/0432	12/28/74	20	2381	28.8	144.9		PPGG	
07715W 4605N	1838-15165	00000/0000	1-10031/1086	11/08/74	80	1684	23.7	154.9		PPPP	
07715W 4605N	1856-15161	00000/0000	1-10032/0494	11/26/74	20	1935	19.3	155.3		GGGP	
07715W 3745N	1800-15083	00000/0000	1-10030/0867	10/01/74	10	1154	41.8	141.9		G	
07715W 2857N	1978-14530	00000/0000	1-10037/0045	03/28/75	70	3636	47.6	121.3		GGGG	
07716W 4603N	1730-15202	00000/0000	1-10027/0536	07/23/74	100	178	55.0	128.3		GGGP	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07716W 4557N	1748-15194	00000/0000	1-10027/1549	08/10/74	10	429	51.4	132.5		GGGG	
07717W 4603N	5090-15045	00000/0000	1-10040/0023	07/18/75	10	5198	53.6	122.3		FGG	
07717W 2850N	5032-14501	00000/0000	1-10038/0321	05/21/75	40	4389	58.2	98.1		GGGF	
07718W 4606N	1820-15173	00000/0000	1-10030/1694	10/21/74	70	1433	29.3	152.8		PGGG	
07718W 4605N	1946-15122	00000/0000	1-10035/0250	02/24/75	100	3190	27.3	143.5		FGFG	
07718W 4600N	1874-15152	00000/0000	1-10033/0324	12/14/74	10	2186	16.6	154.2		GGGG	
07718W 3307N	1781-15050	00000/0000	1-10029/1140	09/12/74	80	889	49.7	129.5		GGGG	
07719W 4558N	1928-15131	00000/0000	1-10034/0171	02/06/75	40	2939	21.7	146.2		G	
07719W 3306N	1763-15054	00000/0000	1-10029/0293	08/25/74	70	638	53.6	120.6		GGPG	
07720W 4603N	5072-15055	00000/0000	1-10039/0319	06/30/75	30	4947	55.8	121.0		FGGG	
07720W 4552N	1892-15144	00000/0000	1-10033/0534	01/01/75	90	2437	16.1	151.9		FFFP	
07720W 3309N	1745-15062	00000/0000	1-10027/1339	08/07/74	50	387	56.6	112.2		GGGG	
07721W 4559N	1982-15104	00000/0000	1-10038/0093	04/01/75	20	3692	40.7	138.0		GGFG	
07722W 4214N	5017-15042	00000/0000	1-10037/0623	05/06/75	100	4180	53.5	125.5		FGGG	
07722W 3313N	1817-15041	00000/0000	1-10030/1656	10/18/74	30	1391	39.8	143.6		GGGG	
07723W 3723N	1782-15092	00000/0000	1-10029/1238	09/13/74	20	903	47.2	134.7		GGPG	
07723W 3312N	1925-14595	00000/0000	1-10034/0060	02/03/75	100	2897	29.6	139.8		GGGG	
07724W 4142N	1747-15151	00000/0000	1-10027/1532	08/09/74	90	415	53.6	126.2		GGGG	
07724W 4142N	1783-15135	00000/0000	1-10029/1158	09/14/74	80	917	44.4	139.5		GGGG	
07724W 3312N	1943-14590	00000/0000	1-10035/1088	02/21/75	50	3148	34.4	135.6		FGGG	
07724W 3312N	5069-14524	00000/0000	1-10039/0267	06/27/75	70	4905	57.9	98.7		GGGG	
07725W 4556N	5036-15080	00000/0000	1-10038/0410	05/25/75	40	4445	55.3	126.1		FGGG	
07725W 4150N	1837-15122	00000/0000	1-10032/0005	11/07/74	100	1670	27.4	152.6		PGG	
07725W 3310N	1871-15020	00000/0000	1-10032/0991	12/11/74	70	2144	27.0	148.8		FFFP	
07725W 3309N	5051-14534	00000/0000	1-10039/0060	06/09/75	80	4654	58.7	100.3		FGFG	
07726W 4843N	1785-15231	00000/0000	1-10030/0102	09/16/74	90	945	39.1	146.7		PGPG	
07726W 4553N	5018-15085	00000/0000	1-10037/0571	05/07/75	20	4194	52.1	130.5		FGFG	
07726W 3724N	1764-15101	00000/0000	1-10029/0330	08/26/74	60	652	51.7	126.9		PGPG	
07726W 3317N	1835-15033	00000/0000	00000/0000	11/05/74	80	1642	34.5	147.6		PPP	
07726W 3311N	1979-14572	00000/0000	1-10036/0447	03/29/75	70	3650	46.2	125.7		FF	
07727W 4853N	1803-15223	00000/0000	1-10031/0018	10/04/74	90	1196	32.9	151.3		PGPG	
07727W 4150N	5089-15002	00000/0000	1-10040/0198	07/17/75	40	5184	55.0	115.5		FGFG	
07727W 4139N	1765-15143	00000/0000	1-10029/0420	08/27/74	80	666	49.4	132.7		GGGG	
07727W 3724N	1746-15105	00000/0000	1-10027/1435	08/08/74	90	401	55.4	119.4		GGPG	
07728W 4147N	1927-15084	00000/0000	1-10035/0059	02/05/75	100	2925	24.4	144.1		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS *5678	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS								
07728W	4142N	1873-15110	00000/0000	1-10033/0348	12/13/74	100	2172	20.1	152.4		F	
07729W	4855N	1839-15214	00000/0000	1-10031/0994	11/09/74	90	1698	21.2	156.4		P	
07729W	4148N	1945-15080	00000/0000	1-10035/0388	02/23/75	100	3176	29.7	140.9		FGPG	
07729W	4146N	1855-15114	00000/0000	1-10032/0461	11/25/74	100	1921	23.0	153.4		PPGG	
07729W	3734N	1836-15080	00000/0000	1-10031/1057	11/06/74	50	1656	31.0	150.2		PPP	
07729W	3732N	1926-15042	00000/0000	1-10034/0101	02/04/75	100	2911	27.0	142.0		GFGG	
07729W	3731N	1854-15071	00000/0000	1-10032/0287	11/24/74	0	1907	26.5	151.4		GGGG	M
07729W	3311N	5015-14553	00000/0000	1-10037/0548	05/04/75	60	4152	55.9	112.4		GGGF	
07730W	4856N	5091-15094	00000/0000	1-10040/0200	07/19/75	80	5212	52.4	126.8		GGFG	
07730W	3732N	1944-15033	00000/0000	1-10035/0376	02/22/75	0	3162	32.1	138.3		GGFG	
07730W	3731N	1818-15084	00000/0000	1-10030/1678	10/19/74	70	1405	36.4	146.9		PPPG	
07730W	3727N	1872-15063	00000/0000	1-10033/0101	12/12/74	30	2158	23.6	150.7		FFGG	M
07730W	3307N	5033-14544	00000/0000	1-10038/0327	05/22/75	30	4403	58.2	105.3		FFFG	
07730W	3255N	1961-14582	00000/0000	1-10035/1055	03/11/75	60	3399	40.3	130.7		FFFG	
07731W	4850N	1857-15210	00000/0000	1-10032/0721	11/27/74	10	1949	16.8	156.6		G GG	
07731W	4146N	1981-15062	00000/0000	1-10036/0451	03/31/75	60	3678	42.7	134.1		GGGG	
07731W	4141N	1891-15101	00000/0000	1-10033/0276	12/31/74	100	2423	19.3	150.3		GGFG	
07731W	3726N	1890-15055	00000/0000	1-10033/0460	12/30/74	50	2409	22.5	148.6		GGGG	M
07731W	2728N	1744-15022	00000/0000	1-10027/1323	08/06/74	40	373	57.4	102.2		GGGG	
07732W	4848N	1731-15251	00000/0000	1-10027/0631	07/24/74	40	192	53.5	132.7		PPPG	
07732W	4847N	1749-15243	00000/0000	1-10027/1346	08/11/74	30	443	49.6	136.5		PGGG	
07732W	4842N	1767-15235	00000/0000	1-10029/0432	08/29/74	10	694	44.8	141.5		GPGG	
07732W	3731N	1962-15024	00000/0000	1-10035/0420	03/12/75	100	3413	38.2	134.4		GFGG	
07732W	2723N	1762-15014	00000/0000	1-10029/0272	08/24/74	30	624	55.3	111.6		GGGG	
07733W	4144N	1999-15052	00000/0000	1-10038/0133	04/18/75	90	3929	48.9	129.8		GFGG	
07733W	4142N	5053-15023	00000/0000	1-10039/0096	06/11/75	70	4682	57.7	115.3		FFG	
07733W	3728N	5016-15000	00000/0000	1-10037/0643	05/05/75	40	4166	54.9	118.7		GGGG	
07733W	3728N	5052-14580	00000/0000	1-10039/0078	06/10/75	100	4668	58.5	107.9		FF	
07733W	2732N	5086-14473	00000/0000	00000/0000	07/14/75	20	5142	56.0	91.4		GGGG	
07734W	4854N	5073-15104	00000/0000	1-10039/0344	07/01/75	70	4961	54.7	125.8		FFGG	
07734W	4844N	1893-15193	00000/0000	1-10033/0566	01/02/75	50	2451	13.9	153.0		GGGG	
07734W	3726N	1998-15005	00000/0000	1-10037/0274	04/17/75	20	3915	50.4	124.7		GGGG	
07734W	2737N	1960-14541	00000/0000	1-10035/0907	03/10/75	50	3385	42.5	126.3		GGGF	
07734W	2729N	1924-14555	00000/0000	1-10034/0048	02/02/75	10	2883	33.0	136.7		GGGG	
07735W	4846N	1929-15180	00000/0000	1-10034/0112	02/07/75	10	2953	20.0	147.5		GF G	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07735W 2729N	5068-14483	00000/0000	1-10039/0265	06/26/75	90	4891	57.3	89.0		PGGG	
07736W 2732N	1834-14593	00000/0000	1-10031/0981	11/04/74	30	1628	39.0	143.7		GGGP	
07736W 2732N	1942-14550	00000/0000	1-10035/0035	02/20/75	30	3134	37.2	131.8		G	
07737W 4139N	5035-15033	00000/0000	1-10038/0343	05/24/75	20	4431	56.7	119.4		FFGG	
07737W 2732N	1996-14523	00000/0000	1-10037/0228	04/15/75	60	3887	53.0	112.0		FFFF	
07737W 2729N	1852-14585	00000/0000	1-10032/0936	11/22/74	40	1879	34.6	146.0		GFGG	
07737W 2728N	1816-15000	00000/0000	1-10030/1579	10/17/74	30	1377	43.9	138.7		PPP	
07738W 2724N	1888-14572	00000/0000	1-10033/0433	12/28/74	50	2381	29.9	144.1		GGGG	
07739W 2730N	1978-14532	00000/0000	1-10037/0046	03/28/75	60	3636	48.1	119.6		GGGG	
07740W 4844N	5019-15134	00000/0000	1-10037/0615	05/08/75	0	4208	50.9	134.2		GGGG	
07741W 2723N	5032-14504	00000/0000	1-10038/0311	05/21/75	40	4389	58.1	95.6		G	
07742W 3142N	1781-15052	00000/0000	1-10029/1141	09/12/74	90	889	50.4	127.7		GGPG	
07743W 4435N	1802-15180	00000/0000	1-10030/0935	10/03/74	20	1182	36.4	147.9		GPG	
07745W 3143N	1745-15065	00000/0000	1-10027/1340	08/07/74	50	387	56.9	109.8		GPGG	
07745W 3141N	1763-15061	00000/0000	1-10029/0294	08/25/74	60	638	54.1	118.5		GGPG	
07747W 3147N	1817-15043	00000/0000	1-10030/1657	10/18/74	30	1391	40.7	142.5		PGGG	
07748W 4428N	1766-15193	00000/0000	1-10029/0474	08/28/74	40	680	47.6	136.4		GGPG	
07748W 3146N	1925-15001	00000/0000	1-10034/0061	02/03/75	90	2897	30.5	139.0		PGGE	
07749W 4439N	1838-15172	00000/0000	1-10031/1087	11/08/74	70	1684	24.9	154.2		PPPP	
07749W 4439N	1856-15163	00000/0000	1-10032/0495	11/26/74	10	1935	20.4	154.7		QPPP	
07749W 3147N	5069-14530	00000/0000	1-10039/0268	06/27/75	90	4905	57.8	96.3		GFGE	
07750W 4437N	1730-15204	00000/0000	1-10027/0537	07/23/74	100	178	55.6	126.0		GGPP	
07750W 4437N	5090-15051	00000/0000	1-10040/0024	07/18/75	10	5198	54.1	120.1		GGG	
07750W 4436N	1874-15155	00000/0000	1-10033/0325	12/14/74	60	2186	17.7	153.6		GGGE	
07750W 4432N	1748-15201	00000/0000	1-10027/1550	08/10/74	30	429	52.1	130.6		GGGG	
07750W 3144N	1871-15023	00000/0000	1-10032/0992	12/11/74	0	2144	28.0	148.1		FFFF	
07750W 3143N	5051-14540	00000/0000	1-10039/0061	06/09/75	70	4654	58.7	97.8		GFFE	
07751W 3557N	1782-15095	00000/0000	1-10029/1239	09/13/74	20	903	48.0	133.1		GGGG	
07751W 3150N	1835-15040	00000/0000	00000/0000	11/05/74	50	1642	35.6	146.7		PP	
07751W 3145N	1979-14575	00000/0000	1-10036/0444	03/29/75	40	3650	46.8	124.1		FG	
07751W 3142N	1889-15015	00000/0000	1-10033/0444	12/29/74	90	2395	26.8	146.1		GGGG	
07752W 4441N	1820-15180	00000/0000	1-10030/1695	10/21/74	70	1433	30.4	151.9		PGGG	
07752W 4439N	1946-15125	00000/0000	1-10035/0251	02/24/75	100	3190	28.2	142.6		FFFF	
07752W 4433N	1928-15134	00000/0000	1-10034/0175	02/06/75	60	2939	22.7	145.4		GGGG	
07752W 4048N	5017-15044	00000/0000	1-10037/0624	05/06/75	80	4180	54.0	123.5		FGGE	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
07752W	3143N	1997-14565	00000/0000	1-10037/0266	04/16/75	60	3901	52.2	117.5		GGFG				
07753W	4437N	5072-15062	00000/0000	1-10039/0320	06/30/75	10	4947	56.2	118.7		FFFG				
07753W	4427N	1892-15151	00000/0000	1-10033/0535	01/01/75	100	2437	17.2	151.3		FFFG				
07753W	4018N	1783-15141	00000/0000	1-10029/1159	09/14/74	80	917	45.3	138.1		GGGG				
07753W	4017N	1747-15154	00000/0000	1-10027/1533	08/09/74	90	415	54.2	124.1		GGGG				
07753W	3558N	1764-15103	00000/0000	1-10029/0331	08/26/74	60	652	52.3	125.0		GGGG				
07753W	3145N	5015-14560	00000/0000	1-10037/0549	05/04/75	80	4152	56.1	110.1		FGGG				
07755W	4434N	1982-15111	00000/0000	1-10038/0094	04/01/75	50	3692	41.5	136.6		GGFG				
07755W	3600N	1746-15111	00000/0000	1-10027/1436	08/08/74	90	401	55.8	117.2		GGFG				
07755W	3141N	5033-14550	00000/0000	1-10038/0328	05/22/75	40	4403	58.3	102.7		GGGG				
07756W	4024N	1837-15125	00000/0000	1-10032/0006	11/07/74	100	1670	28.5	151.8		GFP				
07756W	4023N	1819-15133	00000/0000	1-10030/1592	10/20/74	60	1419	34.0	149.0		GPG				
07756W	4014N	1765-15150	00000/0000	1-10029/0421	08/27/74	70	666	50.1	131.0		GGGG				
07757W	3608N	1836-15082	00000/0000	1-10031/1058	11/06/74	80	1656	32.1	149.4		PPP				
07757W	3606N	1854-15074	00000/0000	1-10032/0288	11/24/74	30	1907	27.7	150.7		GGGG				
07757W	3606N	1926-15044	00000/0000	1-10034/0102	02/04/75	100	2911	28.0	141.2		FFFG				
07757W	3605N	1818-15090	00000/0000	1-10030/1679	10/19/74	90	1405	37.4	145.9		PGPG				
07758W	4431N	5036-15082	00000/0000	1-10038/0411	05/25/75	60	4445	55.8	123.9		GGGG				
07758W	4024N	5089-15005	00000/0000	1-10040/0199	07/17/75	60	5184	55.3	113.1		GGFG				
07758W	4021N	1927-15091	00000/0000	1-10035/0060	02/05/75	100	2925	25.4	143.4		GGFG				
07758W	4017N	1873-15112	00000/0000	1-10033/0341	12/13/74	100	2172	21.2	151.8		GGFG				
07758W	3606N	1944-15035	00000/0000	1-10035/0377	02/22/75	0	3162	33.0	137.3		GGFG				
07758W	3601N	1872-15070	00000/0000	1-10033/0102	12/12/74	90	2158	24.7	150.0		FGFG				
07758W	3600N	1890-15061	00000/0000	1-10033/0461	12/30/74	90	2409	23.6	147.9		GGGG				
07759W	4428N	5018-15092	00000/0000	1-10037/0572	05/07/75	0	4194	52.7	128.5		FGGG				
07759W	4022N	1945-15082	00000/0000	1-10035/0389	02/23/75	100	3176	30.6	140.0		FFFG				
07759W	4020N	1855-15121	00000/0000	1-10032/0462	11/25/74	100	1921	24.1	152.7		PPGP				
07759W	3605N	1962-15030	00000/0000	1-10035/0421	03/12/75	100	3413	39.0	133.2		GGFG				
07759W	3603N	5052-14583	00000/0000	1-10039/0074	06/10/75	70	4668	58.6	105.3		FFFG				
07801W	3603N	5016-15002	00000/0000	1-10037/0644	05/05/75	10	4166	55.4	116.5		FGGG				
07802W	3600N	1998-15012	00000/0000	1-10037/0275	04/17/75	40	3915	51.0	122.8		GGFG				
07803W	4018N	1999-15055	00000/0000	1-10038/0134	04/18/75	90	3929	49.5	128.0		GGFG				
07806W	4730N	1839-15221	00000/0000	1-10031/0995	11/09/74	100	1698	22.3	155.7		P P				
07806W	4014N	5035-15040	00000/0000	1-10038/0344	05/24/75	50	4431	57.1	117.0		FFFG				
07806W	3016N	1781-15055	00000/0000	1-10029/1142	09/12/74	80	889	51.1	126.0		GGGG				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
07807W	4731N	5091-15100	00000/0000	1-10040/0201	07/19/75	70	5212	52.9	124.7		GGFG					
07807W	4722N	1749-15250	00000/0000	1-10027/1347	08/11/74	40	443	50.4	134.7		GGG					
07808W	4717N	1767-15242	00000/0000	1-10029/0433	08/29/74	10	694	45.7	139.9		GGGG					
07809W	4728N	1947-15174	00000/0000	1-10035/0282	07/25/75	80	3204	26.7	144.2		GFGG					
07809W	4726N	1857-15213	00000/0000	1-10032/0722	11/27/74	30	1949	18.0	155.9		G GP					
07809W	4723N	1731-15254	00000/0000	1-10027/0632	07/24/74	60	192	54.2	130.6		PPPG					
07810W	3018N	1745-15071	00000/0000	1-10027/1341	08/07/74	40	387	57.1	107.4		GGGG					
07810W	3015N	1763-15063	00000/0000	1-10029/0295	08/25/74	30	638	54.5	116.4		GGPP					
07811W	4721N	1929-15183	00000/0000	1-10034/0113	02/07/75	10	2953	21.0	146.8		GG G					
07811W	4719N	1893-15200	00000/0000	1-10033/0567	01/02/75	60	2451	15.0	152.4		FGFG					
07812W	3021N	1817-15050	00000/0000	1-10030/1658	10/18/74	20	1391	41.7	141.4		PGGG					
07813W	4724N	1983-15160	00000/0000	1-10036/0494	04/02/75	10	3706	40.3	139.2		GGGG					
07813W	3022N	5069-14533	00000/0000	1-10039/0269	06/27/75	90	4905	57.7	93.8		FGFF					
07814W	3018N	1871-15025	00000/0000	1-10032/0993	12/11/74	90	2144	29.1	147.4		FPF					
07815W	4310N	1802-15183	00000/0000	1-10030/0936	10/03/74	60	1182	37.4	146.9		PGGG					
07815W	3023N	1835-15042	00000/0000	00000/0000	11/05/74	30	1642	36.7	145.8		GP					
07816W	4720N	5019-15141	00000/0000	1-10037/0616	05/08/75	10	4208	51.6	132.3		GFGG					
07816W	3019N	1979-14581	00000/0000	1-10036/0448	03/29/75	30	3650	47.4	122.5		GG					
07817W	3019N	5015-14562	00000/0000	1-10037/0550	05/04/75	70	4152	56.3	107.8		FGGG					
07818W	3432N	1764-15110	00000/0000	1-10029/0332	08/26/74	30	652	52.9	123.1		GPPG					
07818W	3431N	1782-15101	00000/0000	1-10029/1240	09/13/74	40	903	48.8	131.5		GGGG					
07819W	3015N	5033-14553	00000/0000	1-10038/0329	05/22/75	40	4403	58.3	100.2		GGFG					
07820W	4304N	1766-15195	00000/0000	1-10029/0475	08/28/74	60	680	48.4	134.8		PGGG					
07820W	3003N	1961-14591	00000/0000	1-10035/1056	03/11/75	20	3399	41.7	128.2		FFFG					
07821W	4314N	1856-15170	00000/0000	1-10032/0496	11/26/74	20	1935	21.6	154.0		PPPP					
07821W	3434N	1746-15114	00000/0000	1-10027/1437	08/08/74	80	401	56.2	114.9		GGPG					
07822W	4314N	1838-15174	00000/0000	1-10031/1088	11/08/74	30	1684	26.0	153.4		PPPP					
07822W	4312N	5090-15054	00000/0000	1-10040/0025	07/18/75	10	5198	54.5	117.9		GFGF					
07822W	4311N	1730-15211	00000/0000	1-10027/0538	07/23/74	100	178	56.2	123.7		GGGP					
07822W	4307N	1748-15203	00000/0000	1-10027/1551	08/10/74	30	429	52.7	128.6		GGGG					
07822W	3851N	1747-15160	00000/0000	1-10027/1534	08/09/74	100	415	54.7	122.0		GGGG					
07823W	4310N	1874-15161	00000/0000	1-10033/0326	12/14/74	80	2186	18.9	153.0		GGFG					
07823W	3853N	1783-15144	00000/0000	1-10029/1160	09/14/74	80	917	46.1	136.6		GGGG					
07824W	4314N	1946-15131	00000/0000	1-10035/0252	02/24/75	100	3190	29.1	141.6		FFGF					
07824W	3442N	1836-15085	00000/0000	1-10031/1059	11/06/74	80	1656	33.2	148.5		P P					

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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
07824W	3440N	1854-15080	00000/0000	1-10032/0289	11/24/74	40	1907	28.8	150.0		GGGG					
07824W	3440N	1926-15051	00000/0000	1-10034/0103	02/04/75	100	2911	28.9	140.4		GGGG					
07824W	3440N	1944-15042	00000/0000	1-10035/0378	02/22/75	50	3162	33.8	136.4		GGGG					
07824W	3439N	1818-15093	00000/0000	1-10030/1680	10/19/74	100	1405	38.5	144.9		GGGG					
07824W	3435N	1872-15072	00000/0000	1-10033/0103	12/12/74	90	2158	25.8	149.4		GGGG					
07825W	4315N	1820-15182	00000/0000	1-10030/1696	10/21/74	40	1433	31.5	151.0		GGGG					
07825W	4311N	5072-15064	00000/0000	1-10039/0321	06/30/75	10	4947	56.6	116.2		GGGG					
07825W	4307N	1928-15140	00000/0000	1-10034/0176	02/06/75	100	2939	23.7	144.7		GGGG					
07825W	3858N	1837-15131	00000/0000	1-10032/0007	11/07/74	60	1670	29.7	151.1		GGGG					
07825W	3848N	1765-15152	00000/0000	1-10029/0422	08/27/74	40	666	50.8	129.2		GGGG					
07825W	3439N	1962-15033	00000/0000	1-10035/0422	03/12/75	100	3413	39.7	132.0		GGGG					
07825W	3435N	1890-15064	00000/0000	1-10033/0462	12/30/74	90	2409	24.6	147.3		GGGG					
07826W	4302N	1892-15153	00000/0000	1-10033/0536	01/01/75	100	2437	18.3	150.7		GGGG					
07826W	3858N	1819-15135	00000/0000	1-10030/1593	10/20/74	70	1419	35.0	148.1		GGGG					
07826W	3437N	1980-15024	00000/0000	1-10036/0417	03/30/75	90	3664	45.9	126.9		GGGG					
07826W	3437N	5052-14585	00000/0000	1-10039/0075	06/10/75	90	4668	58.7	102.7		GGGG					
07827W	4309N	1982-15113	00000/0000	1-10038/0095	04/01/75	80	3692	42.4	135.2		GGGG					
07827W	3856N	1855-15123	00000/0000	1-10032/0463	11/25/74	100	1921	25.2	152.0		GGGG					
07828W	3856N	1927-15093	00000/0000	1-10035/0061	02/05/75	80	2925	26.3	142.6		GGGG					
07828W	3856N	1945-15085	00000/0000	1-10035/0390	02/23/75	100	3176	31.5	139.0		GGGG					
07828W	3851N	1873-15115	00000/0000	1-10033/0342	12/13/74	90	2172	22.3	151.2		GGGG					
07828W	3437N	5016-15005	00000/0000	1-10037/0645	05/05/75	10	4166	55.7	114.3		GGGG					
07828W	3434N	1998-15014	00000/0000	1-10037/0276	04/17/75	60	3915	51.5	121.0		GGGG					
07829W	3851N	1891-15110	00000/0000	1-10033/0277	12/31/74	100	2423	21.5	149.0		GGGG					
07830W	4307N	5036-15085	00000/0000	1-10038/0412	05/25/75	60	4445	56.3	121.5		GGGG					
07830W	2850N	1781-15061	00000/0000	1-10029/1143	09/12/74	70	889	51.7	124.2		GGGG					
07831W	4303N	5018-15094	00000/0000	1-10037/0573	05/07/75	0	4194	53.3	126.5		GGGG					
07831W	3854N	1981-15071	00000/0000	1-10036/0452	03/31/75	10	3678	44.2	131.2		GGGG					
07832W	3852N	1999-15061	00000/0000	1-10038/0135	04/18/75	90	3929	50.1	126.2		GGGG					
07834W	2849N	1763-15070	00000/0000	1-10029/0296	08/25/74	30	638	54.9	114.3		GGGG					
07835W	3848N	5035-15042	00000/0000	1-10038/0345	05/24/75	30	4431	57.5	114.5		GGGG					
07835W	2856N	5087-14525	00000/0000	1-10040/0153	07/15/75	50	5156	56.1	93.9		GGGG					
07835W	2852N	1745-15074	00000/0000	1-10027/1342	08/07/74	50	387	57.3	105.0		GGGG					
07836W	2855N	1817-15052	00000/0000	1-10030/1659	10/18/74	40	1391	42.7	140.3		GGGG					
07837W	2854N	1925-15010	00000/0000	1-10034/0062	02/03/75	30	2897	32.3	137.3		GGGG					

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P P B P C C D D
07838W 4602N	1803-15232	00000/0000	1-10031/0019	10/04/74	90	1196	35.0	149.3		PGGG	
07838W 2857N	1835-15045	00000/0000	00000/0000	11/05/74	30	1642	37.7	144.8		PGGG	
07838W 2852N	1871-15032	00000/0000	1-10032/0994	12/11/74	90	2144	30.2	146.7		FPG	
07838W 2852N	5051-14545	00000/0000	1-10039/0062	06/09/75	70	4654	58.4	92.7		FFFG	
07839W 2850N	1889-15024	00000/0000	1-10033/0445	12/29/74	90	2395	28.8	144.7		GGGG	
07840W 2853N	1979-14584	00000/0000	1-10036/0445	03/29/75	40	3650	47.9	120.9		FG	
07841W 4604N	1839-15223	00000/0000	1-10031/0996	11/09/74	100	1698	23.5	155.0		P P	
07841W 2854N	5015-14565	00000/0000	1-10037/0551	05/04/75	60	4152	56.5	105.4		GGFE	
07842W 4606N	5091-15103	00000/0000	1-10040/0202	07/19/75	90	5212	53.4	122.5		FGFE	
07842W 4557N	1749-15252	00000/0000	1-10027/1348	08/11/74	10	443	51.2	132.8		GGG	
07843W 4605N	1821-15231	00000/0000	1-10031/0331	10/22/74	60	1447	29.0	152.9		PGFP	
07843W 4604N	5073-15113	00000/0000	1-10039/0345	07/01/75	10	4961	55.7	121.1		PGGG	
07843W 4558N	1875-15211	00000/0000	1-10033/0858	12/15/74	20	2200	16.5	154.1		GGGG	
07843W 4553N	1767-15244	00000/0000	1-10029/0434	08/29/74	40	694	46.5	138.4		GGGG	
07843W 3306N	1782-15104	00000/0000	1-10029/1230	09/13/74	40	903	49.5	129.9		G GG	
07844W 4601N	1857-15215	00000/0000	1-10032/0723	11/27/74	20	1949	19.1	155.3		GGGG	
07844W 4558N	1731-15260	00000/0000	1-10027/0633	07/24/74	50	192	54.9	128.4		PPFG	
07844W 3308N	1764-15112	00000/0000	1-10029/0333	08/26/74	30	652	53.4	121.1		GGGG	
07845W 4603N	1947-15180	00000/0000	1-10035/0283	02/25/75	90	3204	27.6	143.3		GGGG	
07845W 4554N	1893-15202	00000/0000	1-10033/0568	01/02/75	60	2451	16.1	151.8		GGGG	
07846W 4556N	1929-15185	00000/0000	1-10034/0114	02/07/75	10	2953	22.0	146.0		GFFG	
07846W 4144N	1802-15185	00000/0000	1-10030/0937	10/03/74	80	1182	38.4	145.8		GGGG	
07847W 3309N	1746-15120	00000/0000	1-10027/1438	08/08/74	70	401	56.5	112.6		GGPG	
07848W 4559N	1983-15162	00000/0000	1-10036/0495	04/02/75	40	3706	41.1	137.8		GGGG	
07849W 3314N	1854-15083	00000/0000	1-10032/0290	11/24/74	50	1907	29.9	149.2		GGGR	
07850W 3757N	5017-15053	00000/0000	1-10037/0625	05/06/75	10	4180	55.0	119.1		GGGG	
07850W 3726N	1747-15163	00000/0000	1-10027/1535	08/09/74	100	415	55.2	119.8		GGGG	
07850W 3316N	1836-15091	00000/0000	1-10031/1060	11/06/74	90	1656	34.3	147.7		PPP	
07850W 3315N	1926-15053	00000/0000	1-10034/0104	02/04/75	100	2911	29.8	139.6		GFFG	
07850W 3314N	1944-15044	00000/0000	1-10035/0379	02/22/75	70	3162	34.6	135.4		GGFG	
07850W 3313N	1818-15095	00000/0000	1-10030/1681	10/19/74	90	1405	39.5	143.9		PPPG	
07850W 3309N	1872-15075	00000/0000	1-10033/0104	12/12/74	70	2158	26.8	148.7		GGFG	
07851W 4556N	5019-15143	00000/0000	1-10037/0617	05/08/75	0	4208	52.3	130.3		PGGG	
07851W 3313N	1962-15035	00000/0000	1-10035/0423	03/12/75	70	3413	40.5	130.7		GGGG	
07851W 3311N	5052-14592	00000/0000	1-10039/0076	06/10/75	80	4668	58.7	100.1		FFFF	

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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

03:20 SEP 30, '75

ERTS-1
 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0393

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
07851W 3309N	1890-15070	00000/0000	1-10033/0452	12/30/74	90	2409	25.7	146.6		G	
07852W 4853N	1804-15281	00000/0000	1-10030/1001	10/05/74	50	1210	32.5	151.6		GGGP	
07852W 4138N	1766-15202	00000/0000	1-10029/0476	08/28/74	100	680	49.2	133.1		GGPG	
07852W 3727N	1783-15150	00000/0000	1-10029/1161	09/14/74	90	917	46.9	135.1		GGGG	
07852W 3723N	1765-15155	00000/0000	1-10029/0423	08/27/74	60	666	51.5	127.3		GGGG	
07852W 3312N	1980-15030	00000/0000	1-10036/0418	07/30/75	70	3664	46.6	125.4		GGGG	
07853W 4856N	1840-15272	00000/0000	1-10031/1131	11/10/74	100	1712	20.8	156.5		PPPP	
07853W 4148N	1856-15172	00000/0000	1-10032/0497	11/26/74	70	1935	22.7	153.4		GPPP	
07853W 4146N	5090-15060	00000/0000	1-10040/0026	07/18/75	10	5198	54.8	115.6		GGG	
07853W 4145N	1730-15213	00000/0000	1-10027/0539	07/23/74	100	178	56.7	121.4		GGGP	
07853W 4141N	1748-15210	00000/0000	1-10027/1552	08/10/74	60	429	53.4	126.6		GGGG	
07853W 3308N	1998-15021	00000/0000	1-10037/0277	04/17/75	10	3915	52.0	119.0		GGG	
07853W 2724N	1781-15064	00000/0000	1-10029/1144	09/12/74	60	889	52.2	122.3		GGGG	
07854W 4148N	1838-15181	00000/0000	1-10031/1089	11/08/74	30	1684	27.1	152.7		PPPP	
07854W 4145N	1874-15164	00000/0000	1-10033/0327	12/14/74	90	2186	20.0	152.4		FFFG	
07854W 3732N	1819-15142	00000/0000	1-10030/1594	10/20/74	70	1419	36.1	147.2		GPG	
07854W 3732N	1837-15194	00000/0000	1-10032/0008	11/07/74	20	1670	30.8	150.3		PPPG	
07855W 4855N	1822-15281	00000/0000	1-10031/0434	10/23/74	10	1461	26.4	154.8		PGGG	
07855W 4149N	1946-15134	00000/0000	1-10035/0253	02/24/75	100	3190	30.1	140.7		GFGF	
07855W 4145N	5072-15071	00000/0000	1-10039/0322	06/30/75	20	4947	56.9	113.8		FGGG	
07855W 3729N	1855-15130	00000/0000	1-10032/0464	11/25/74	100	1921	26.3	151.4		PGPP	
07856W 4150N	1820-15185	00000/0000	1-10030/1697	10/21/74	50	1433	32.6	150.1		GGGG	
07856W 4142N	1928-15143	00000/0000	1-10034/0177	02/06/75	100	2939	24.7	143.9		GGGF	
07856W 3730N	1927-15100	00000/0000	1-10035/0062	02/05/75	80	2925	27.3	141.8		GGGG	
07856W 3730N	1945-15091	00000/0000	1-10035/0391	02/23/75	100	3176	32.4	138.1		GGFG	
07857W 4854N	1876-15260	00000/0000	1-10033/0049	12/16/74	90	2214	14.2	155.2		PGGG	
07857W 4852N	1858-15264	00000/0000	1-10032/0739	11/28/74	20	1963	16.6	156.5		PPG	
07857W 4850N	1732-15305	00000/0000	1-10027/0719	07/25/74	40	206	53.4	132.9		PGG	
07857W 4137N	1892-15160	00000/0000	1-10033/0537	01/01/75	100	2437	19.4	150.1		GGGG	
07857W 3725N	1873-15121	00000/0000	1-10033/0343	12/13/74	60	2172	23.5	150.6		GGGG	
07857W 3725N	1891-15113	00000/0000	1-10033/0278	12/31/74	100	2423	22.5	148.4		GFTG	
07858W 4845N	1768-15293	00000/0000	1-10029/0617	08/30/74	60	708	44.4	141.8		GGGG	
07858W 4143N	1982-15120	00000/0000	1-10038/0096	04/01/75	40	3692	43.1	133.8		GFTG	
07858W 2724N	1763-15072	00000/0000	1-10029/0297	08/25/74	30	638	55.2	112.2		GGG	
07859W 4852N	1948-15230	00000/0000	1-10035/0202	02/26/75	70	3218	26.1	145.0		GGGG	

KEYS: CLOUD COVER %*, 0 TO 100 = % CLOUD COVER, ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY, BLANKS=BAND NOT PRESENT/REQUESTED, G=GOOD, P=POOR, F=FAIR.
 PRODUCTS ALREADY MADE, R=MADE FROM RBV, M=MADE FROM MSS, B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P P B P C C O D
07859W 3728N	1981-15073	00000/0000	1-10036/0453	03/31/75	10	3678	44.9	129.7		GGGG	
07859W 2730N	5087-14531	00000/0000	1-10040/0152	07/15/75	40	5156	55.9	91.7		GGGG	
07859W 2726N	1745-15080	00000/0000	1-10027/1343	08/07/74	70	387	57.3	102.6		GGGG	
07900W 4849N	1930-15274	00000/0000	1-10034/0613	02/08/75	50	2967	20.3	147.4		GGGG	
07900W 3726N	1999-15064	00000/0000	1-10038/0136	04/18/75	80	3929	50.7	124.4		FGGG	
07900W 2729N	1817-15055	00000/0000	1-10030/1660	10/18/74	40	1391	43.6	139.1		PGGG	
07900W 2728N	1925-15013	00000/0000	1-10034/0063	02/03/75	80	2897	33.2	136.4		GGFF	
07901W 4142N	5036-15091	00000/0000	1-10038/0413	05/25/75	70	4445	56.8	119.2		FFGG	
07901W 2728N	5069-14542	00000/0000	1-10039/0270	06/27/75	70	4905	57.2	89.0		FFGF	M
07902W 4138N	5018-15101	00000/0000	1-10037/0574	05/07/75	0	4194	53.9	124.4		FGGG	
07902W 2731N	1835-15051	00000/0000	00000/0000	11/05/74	30	1642	38.7	143.9		PG	
07902W 2726N	1871-15074	00000/0000	1-10032/0995	12/11/74	70	2144	31.2	146.0		P G	
07903W 2724N	1889-15030	00000/0000	1-10033/0446	12/29/74	70	2395	29.8	144.0		GGGG	
07904W 4846N	5002-15202	00000/0000	1-10037/0333	04/21/75	0	3971	46.1	137.5		GF G	
07904W 2727N	1979-14590	00000/0000	1-10036/0449	03/29/75	40	3650	48.4	119.2		GG	
07905W 2727N	5015-14571	00000/0000	1-10037/0552	05/04/75	40	4152	56.6	103.1		GGGG	M
07905W 2723N	5033-14562	00000/0000	1-10038/0330	05/22/75	40	4403	58.2	95.2		GGGG	
07907W 4846N	5020-15192	00000/0000	1-10037/0704	05/09/75	0	4222	51.1	134.0		GGGG	
07908W 3141N	1782-15110	00000/0000	1-10029/1241	09/13/74	40	903	50.2	128.2		GGGG	
07909W 3142N	1764-15115	00000/0000	1-10029/0334	08/26/74	40	652	53.9	119.0		GGPG	
07912W 4436N	1803-15275	00000/0000	1-10031/0020	10/04/74	20	1196	36.0	148.2		PGGG	
07913W 4428N	1785-15242	00000/0000	1-10030/0103	09/16/74	30	945	42.0	142.8		GGGG	
07913W 3144N	1746-15123	00000/0000	1-10027/1439	08/08/74	40	401	56.8	110.3		GGPG	
07914W 3149N	1854-15085	00000/0000	1-10032/0291	11/24/74	60	1907	31.0	148.5		GGGG	
07915W 4439N	1839-15230	00000/0000	1-10031/0997	11/09/74	80	1698	24.6	154.2		P P	
07915W 4432N	1749-15255	00000/0000	1-10027/1349	08/11/74	10	443	51.9	130.9		GGG	
07915W 3149N	1926-15060	00000/0000	1-10034/0105	02/04/75	100	2911	30.7	138.8		GFFG	
07915W 3148N	1944-15051	00000/0000	1-10035/0380	02/22/75	100	3162	35.5	134.3		GGF	
07916W 4440N	5091-15105	00000/0000	1-10040/0203	07/19/75	100	5212	53.9	120.3		FGFF	
07916W 4439N	5073-15120	00000/0000	1-10039/0346	07/01/75	10	4961	56.1	118.7		FFFG	
07916W 4433N	1875-15213	00000/0000	1-10033/0859	12/15/74	60	2200	17.7	153.5		FGFF	
07916W 4428N	1767-15251	00000/0000	1-10029/0435	08/29/74	90	694	47.3	136.8		GGGG	
07916W 4019N	1802-15192	00000/0000	1-10030/0938	10/03/74	80	1182	39.4	144.6		PGGG	
07916W 3150N	1836-15094	00000/0000	1-10031/1061	11/06/74	80	1656	35.3	146.8		PPP	
07916W 3147N	1818-15102	00000/0000	1-10030/1682	10/19/74	60	1405	40.5	142.8		PGPG	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
07916W	3147N	1962-15042	00000/0000	1-10035/0424	03/12/75	40	3413	41.2	129.5		GGGG				
07916W	3143N	1872-15081	00000/0000	1-10033/0105	12/12/74	70	2158	27.9	148.1		FFGF				
07916W	3143N	1890-15073	00000/0000	1-10033/0463	12/30/74	50	2409	26.7	146.0		GGFE				
07917W	4439N	1821-15234	00000/0000	1-10031/0332	10/22/74	10	1447	30.1	152.1		PP P				
07917W	4433N	1731-15263	00000/0000	1-10027/0634	07/24/74	50	192	55.5	126.1		PPPG				
07917W	3145N	1980-15033	00000/0000	1-10036/0419	03/30/75	50	3664	47.2	123.8		GGGG				
07917W	2557N	1781-15070	00000/0000	1-10029/1145	09/12/74	50	889	52.8	120.4		GGGG				
07918W	4438N	1947-15183	00000/0000	1-10035/0284	02/25/75	90	3204	28.6	142.4		GGFG				
07918W	4436N	1857-15222	00000/0000	1-10032/0724	11/27/74	30	1949	20.3	154.6		GPFG				
07918W	4430N	1893-15205	00000/0000	1-10033/0569	01/02/75	50	2451	17.2	151.2		GGFG				
07918W	3631N	5017-15060	00000/0000	1-10037/0626	05/06/75	0	4180	55.4	116.9		FGGG				
07918W	3601N	1747-15165	00000/0000	1-10027/1536	08/09/74	100	415	55.6	117.6		GGGG				
07918W	3143N	1998-15023	00000/0000	1-10037/0278	04/17/75	0	3915	52.4	117.1		FGFG				
07919W	4431N	1929-15192	00000/0000	1-10034/0115	02/07/75	10	2953	23.0	145.2		GFGG				
07919W	3602N	1783-15153	00000/0000	1-10029/1162	09/14/74	60	917	47.7	133.6		GGGG				
07919W	3558N	1765-15161	00000/0000	1-10029/0424	08/27/74	30	666	52.1	125.5		GGGG				
07919W	3146N	5016-15014	00000/0000	1-10037/0646	05/05/75	40	4166	56.3	109.7		FGFG				M
07921W	4433N	1983-15165	00000/0000	1-10036/0496	04/02/75	60	3706	41.9	136.4		GGGF				
07921W	4012N	1766-15204	00000/0000	1-10029/0477	08/28/74	100	680	49.9	131.4		GGGG				
07921W	2557N	1763-15075	00000/0000	1-10029/0298	08/25/74	30	638	55.5	110.0		GGR				
07922W	4020N	1730-15220	00000/0000	1-10027/0540	07/23/74	100	178	57.1	119.0		GPFG				
07922W	3606N	1819-15144	00000/0000	1-10030/1595	10/20/74	80	1419	37.1	146.2		GFG				
07922W	3606N	1837-15140	00000/0000	1-10032/0009	11/07/74	30	1670	31.9	149.5		PGGG				
07922W	2600N	1745-15083	00000/0000	1-10027/1344	08/07/74	80	387	57.4	100.2		GGGG				
07923W	4021N	5090-15063	00000/0000	1-10040/0027	07/18/75	20	5198	55.2	113.3		GGGG				
07923W	4015N	1748-15212	00000/0000	1-10027/1553	08/10/74	70	429	54.0	124.5		GGGG				
07923W	3604N	1927-15102	00000/0000	1-10035/0063	02/05/75	90	2925	28.2	141.0		GGGG				
07923W	3604N	1945-15094	00000/0000	1-10035/0392	02/23/75	100	3176	33.3	137.1		GFFG				
07923W	3603N	1855-15132	00000/0000	1-10032/0465	11/25/74	90	1921	27.5	150.7		GPFG				
07923W	2602N	1817-15061	00000/0000	1-10030/1661	10/18/74	40	1391	44.5	137.8		PGGG				
07924W	4023N	1838-15183	00000/0000	1-10031/1090	11/08/74	40	1684	28.3	151.9		GPPP				
07924W	4023N	1856-15175	00000/0000	1-10032/0498	11/26/74	70	1935	23.9	152.7		GGPP				
07924W	4020N	5072-15073	00000/0000	1-10039/0323	06/30/75	40	4947	57.2	111.3		FFGG				
07924W	4019N	1874-15170	00000/0000	1-10033/0328	12/14/74	90	2186	21.1	151.8		GFGG				
07924W	3600N	1873-15124	00000/0000	1-10033/0344	12/13/74	80	2172	24.6	150.0		GGGG				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
07924W	3559N	1891-15115	00000/0000	1-10033/0279	12/31/74	100	2423	23.6	147.8		FGFG					
07924W	2602N	1925-15015	00000/0000	1-10034/0064	02/03/75	10	2897	34.0	135.5		GGFF					
07925W	4023N	1946-15140	00000/0000	1-10035/0254	02/24/75	100	3190	31.0	139.8		GGGF					
07925W	2601N	1871-15041	00000/0000	1-10032/0996	12/11/74	70	2144	32.3	145.2		P G					
07925W	2601N	5051-14554	00000/0000	1-10039/0063	06/09/75	40	4654	57.9	87.8		FFFG					
07926W	4024N	1820-15191	00000/0000	1-10030/1698	10/21/74	10	1433	33.7	149.2		PGGG					
07926W	4017N	1928-15145	00000/0000	1-10034/0178	02/06/75	100	2939	25.7	143.1		GGGG					
07926W	3603N	1981-15080	00000/0000	1-10036/0454	03/31/75	10	3678	45.6	128.2		GGGG					
07926W	2604N	1835-15054	00000/0000	00000/0000	11/05/74	30	1642	39.7	142.9		PGGG					
07926W	2558N	1889-15033	00000/0000	1-10033/0447	12/29/74	30	2395	30.8	143.2		GGGG					
07927W	4012N	1892-15162	00000/0000	1-10033/0538	01/01/75	90	2437	20.5	149.5		GGGG					
07927W	3601N	1999-15070	00000/0000	1-10038/0137	04/18/75	90	3929	51.3	122.5		FGGF					
07927W	3036N	1800-15104	00000/0000	1-10030/0875	10/01/74	50	1154	46.3	135.4		GGGG					
07927W	2602N	1979-14593	00000/0000	1-10036/0446	03/29/75	30	3650	48.9	117.5		GFGG					
07928W	4720N	1786-15291	00000/0000	1-10030/0196	09/17/74	30	959	39.7	145.7		PPGG					
07928W	4018N	5000-15113	00000/0000	1-10037/0483	04/19/75	100	3943	49.8	127.7		FFFG					
07928W	4017N	1982-15122	00000/0000	1-10038/0097	04/01/75	10	3692	43.9	132.3		GGGG					
07928W	2600N	5015-14574	00000/0000	1-10037/0553	05/04/75	30	4152	56.7	100.8		FFFG				M	
07928W	2556N	5033-14564	00000/0000	1-10038/0331	05/22/75	50	4403	58.0	92.8		GFGG					
07929W	4728N	1804-15284	00000/0000	1-10030/1002	10/05/74	70	1210	33.6	150.5		PPPG					
07930W	4731N	1840-15275	00000/0000	1-10031/1132	11/10/74	100	1712	22.0	155.8		PGGP					
07930W	4018N	5036-15094	00000/0000	1-10038/0414	05/25/75	70	4445	57.2	116.8		GFGG					
07930W	3557N	5035-15051	00000/0000	1-10038/0346	05/24/75	10	4431	58.0	109.6		PGGG					
07931W	4730N	1822-15283	00000/0000	1-10031/0435	10/23/74	0	1461	27.5	153.9		PGGG					
07932W	4012N	5018-15103	00000/0000	1-10037/0575	05/07/75	10	4194	54.4	122.2		FGGG					
07932W	3015N	1782-15113	00000/0000	1-10029/1242	09/13/74	40	903	50.9	126.5		GGPG					
07933W	4729N	1876-15262	00000/0000	1-10033/0050	12/16/74	100	2214	15.3	154.6		PGGF					
07933W	4724N	1732-15312	00000/0000	1-10027/0720	07/25/74	80	206	54.0	130.7		GG G					
07934W	4727N	1858-15271	00000/0000	1-10032/0736	11/28/74	20	1963	17.8	155.9		G GG					
07934W	4720N	1768-15300	00000/0000	1-10029/0618	08/30/74	30	708	45.3	140.3		PGGG					
07934W	3015N	1764-15121	00000/0000	1-10029/0335	08/26/74	30	652	54.3	117.0		GGGP					
07935W	4727N	1948-15232	00000/0000	1-10035/0203	02/26/75	70	3218	27.1	144.1		GGGG					
07935W	4719N	1750-15304	00000/0000	1-10027/1623	08/12/74	40	457	50.2	134.9		PPPP					
07938W	3018N	1746-15125	00000/0000	1-10027/1440	08/08/74	20	401	57.0	107.9		GGPG					
07939W	4718N	1894-15254	00000/0000	1-10033/0632	01/03/75	100	2465	15.1	152.2		GGGG					

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P
LONG	LAT		RBV	MSS					123	45678	C C D D
07939W	3022N	1854-15092	00000/0000	1-10032/0292	11/24/74	50	1907	32.0	147.7		GGGP
07940W	3023N	1926-15062	00000/0000	1-10034/0106	02/04/75	70	2911	31.6	137.9		GGGG
07940W	3022N	1944-15053	00000/0000	1-10035/0381	02/22/75	90	3162	36.3	133.3		GGFG
07940W	3020N	1818-15104	00000/0000	1-10030/1683	10/19/74	40	1405	41.4	141.7		PGPP
07941W	4721N	5002-15204	00000/0000	1-10037/0334	04/21/75	0	3971	46.9	135.9		GGGG
07941W	3020N	1962-15044	00000/0000	1-10035/0425	03/12/75	30	3413	41.9	128.2		GGGG
07941W	3019N	5052-15001	00000/0000	1-10039/0066	06/10/75	100	4668	58.5	95.0		F FF
07941W	3018N	1890-15075	00000/0000	1-10033/0464	12/30/74	10	2409	27.8	145.3		GGGG
07941W	3017N	1872-15084	00000/0000	1-10033/0106	12/12/74	50	2158	29.0	147.4		F G F
07942W	3023N	1836-15100	00000/0000	1-10031/1062	11/06/74	70	1656	36.4	145.9		PPP
07942W	3019N	1980-15095	00000/0000	1-10036/0420	03/30/75	40	3664	47.7	122.1		GGGG
07942W	2430N	1781-15073	00000/0000	1-10029/1146	09/12/74	70	889	53.3	118.5		PGGG
07943W	4720N	5020-15195	00000/0000	1-10037/0705	05/09/75	0	4222	51.8	132.0		GGGG
07943W	3017N	1998-15090	00000/0000	1-10037/0279	04/17/75	0	3915	52.8	115.1		F GGG
07944W	4311N	1803-15241	00000/0000	1-10031/0021	10/04/74	30	1196	37.1	147.1		PGGP
07944W	3435N	1747-15172	00000/0000	1-10027/1537	08/09/74	100	415	56.0	115.3		GGGG
07944W	3020N	5016-15020	00000/0000	1-10037/0647	05/05/75	80	4166	56.5	107.3		PGGF
07944W	2431N	1763-15081	00000/0000	1-10029/0299	08/25/74	30	638	55.7	107.7		GGG
07945W	3853N	1802-15194	00000/0000	1-10030/0939	10/03/74	80	1182	40.4	143.5		PGGG
07945W	3506N	5017-15062	00000/0000	1-10037/0627	05/06/75	0	4180	55.8	114.7		F GGF
07945W	3436N	1783-15155	00000/0000	1-10029/1163	09/14/74	20	917	48.5	132.0		GGGG
07945W	3433N	1765-15164	00000/0000	1-10029/0425	08/27/74	10	666	52.7	123.5		GGGP
07945W	2435N	1745-15085	00000/0000	1-10027/1345	08/07/74	90	387	57.4	97.8		GGGG
07946W	4304N	1785-15245	00000/0000	1-10030/0104	09/16/74	10	945	42.9	141.5		PPPG
07946W	2436N	1817-15064	00000/0000	1-10030/1662	10/18/74	30	1391	45.4	136.5		GGGG
07947W	4307N	1749-15261	00000/0000	1-10027/1350	08/11/74	20	443	52.5	128.9		GGG
07947W	2436N	1925-15022	00000/0000	1-10034/0065	02/03/75	20	2897	34.9	134.5		GGGG
07947W	2436N	5069-14551	00000/0000	1-10039/0271	06/27/75	30	4905	56.6	84.4		FF F
07948W	4314N	5091-15112	00000/0000	1-10040/0204	07/19/75	90	5212	54.3	118.1		F GFF
07948W	4313N	1839-15232	00000/0000	1-10031/0998	11/09/74	60	1698	25.8	153.5		G P
07948W	4308N	1875-15220	00000/0000	1-10033/0860	12/15/74	70	2200	18.8	152.9		F GGG
07948W	4303N	1767-15253	00000/0000	1-10029/0436	08/29/74	100	694	48.1	135.1		GGGP
07948W	3440N	1837-15143	00000/0000	1-10032/0010	11/07/74	10	1670	32.9	148.7		PGGG
07948W	2434N	1871-15043	00000/0000	1-10032/0997	12/11/74	40	2144	33.3	144.4		F G
07949W	4314N	1821-15240	00000/0000	1-10031/0333	10/22/74	10	1447	31.2	151.2		PPP

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B P P B P	C C D D		
07949W	4313N	5073-15122	00000/0000	1-10039/0347	07/01/75	10	4961	56.5	116.3		FGFG				
07949W	4307N	1731-15265	00000/0000	1-10027/0635	07/24/74	40	192	56.0	123.9		PPPG				
07949W	3439N	1819-15151	00000/0000	1-10030/1596	10/20/74	30	1419	38.2	145.2		PGPG				
07949W	3438N	1927-15105	00000/0000	1-10035/0064	02/05/75	90	2925	29.1	140.2		GGGF				
07949W	3437N	1855-15135	00000/0000	1-10032/0466	11/25/74	70	1921	28.6	150.0		PPPG				
07949W	2438N	1835-15060	00000/0000	00000/0000	11/05/74	40	1642	40.7	141.9		GGGG				
07950W	4310N	1857-15224	00000/0000	1-10032/0725	11/27/74	30	1949	21.4	154.0		GGGG				
07950W	4305N	1893-15211	00000/0000	1-10033/0570	01/02/75	50	2451	18.3	150.6		GGGG				
07950W	3847N	1766-15211	00000/0000	1-10029/0478	08/28/74	80	680	50.6	129.6		GGGG				
07950W	3438N	1945-15100	00000/0000	1-10035/0393	02/23/75	90	3176	34.1	136.1		FGFG				
07951W	4312N	1947-15185	00000/0000	1-10035/0285	02/25/75	80	3204	29.5	141.4		GGGG				
07951W	4306N	1929-15194	00000/0000	1-10034/0116	02/07/75	20	2953	24.0	144.5		GGFG				
07951W	3855N	5090-15065	00000/0000	1-10040/0028	07/18/75	60	5198	55.4	111.0		FGG				
07951W	3854N	1730-15222	00000/0000	1-10027/0541	07/23/74	100	178	57.6	116.6		GGGP				
07951W	3434N	1873-15190	00000/0000	1-10033/0345	12/13/74	90	2172	25.6	149.3		GFFF				
07951W	3434N	1891-15122	00000/0000	1-10033/0280	12/31/74	100	2423	24.6	147.1		GGFG				
07951W	2430N	5033-14571	00000/0000	1-10038/0332	05/22/75	50	4403	57.8	90.4		FGGG				
07952W	3857N	1838-15190	00000/0000	1-10031/1091	11/08/74	40	1684	29.4	151.2		PPPP				
07952W	3850N	1748-15215	00000/0000	1-10027/1554	08/10/74	60	429	54.5	122.4		GGGG				
07952W	3437N	1981-15082	00000/0000	1-10036/0455	03/31/75	10	3678	46.3	126.6		GGGG				
07953W	4308N	1983-15171	00000/0000	1-10036/0497	04/02/75	100	3706	42.7	135.0		FGGG				
07953W	3857N	1856-15181	00000/0000	1-10032/0499	11/26/74	30	1935	25.0	152.0		GPPP				
07953W	3854N	1874-15173	00000/0000	1-10033/0329	12/14/74	90	2186	22.2	151.1		GGGG				
07953W	3435N	1999-15073	00000/0000	1-10038/0138	04/18/75	80	3929	51.8	120.6		FGGG				
07954W	4309N	5055-15133	00000/0000	1-10039/0097	06/13/75	80	4710	57.3	117.5		FGFF				
07954W	3857N	1946-15143	00000/0000	1-10035/0255	02/24/75	90	3190	31.9	138.8		FGGG				
07954W	3855N	5072-15080	00000/0000	1-10039/0324	06/30/75	50	4947	57.4	108.8		GGGG				
07955W	3858N	1820-15194	00000/0000	1-10030/1699	10/21/74	30	1433	34.7	148.3		GGGG				M
07955W	3851N	1928-15152	00000/0000	1-10034/0179	02/06/75	80	2939	26.6	142.3		GGGG				
07956W	3846N	1892-15165	00000/0000	1-10033/0539	01/01/75	90	2437	21.5	148.8		GGFG				
07956W	2850N	1782-15115	00000/0000	1-10029/1243	09/13/74	40	903	51.5	124.7		GGPG				
07957W	4303N	5019-15152	00000/0000	1-10037/0618	05/08/75	10	4208	53.6	126.2		GGFG				
07957W	3853N	5000-15115	00000/0000	1-10037/0484	04/19/75	100	3943	50.4	125.9		FFFF				
07957W	3852N	1982-15125	00000/0000	1-10038/0098	04/01/75	0	3692	44.6	130.9		FGGG				
07957W	3431N	5035-15054	00000/0000	1-10038/0347	05/24/75	0	4431	58.2	107.1		GGGG				

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P P B P C C D D
07958W 3852N	5036-15100	00000/0000	1-10038/0415	05/25/75	60	4445	57.5	114.3		GGGG	
07958W 2848N	1764-15124	00000/0000	1-10029/0336	08/26/74	40	652	54.7	114.9		PGGG	
08001W 3846N	5018-15110	00000/0000	1-10037/0576	05/07/75	40	4194	54.9	120.1		PGFG	
08003W 4555N	1786-15294	00000/0000	1-10030/0197	09/17/74	10	959	40.7	144.5		GGGG	
08003W 2850N	1746-15132	00000/0000	1-10027/1441	08/08/74	10	401	57.1	105.5		GGPG	
08004W 2856N	1854-15094	00000/0000	1-10032/0293	11/24/74	60	1907	33.1	146.9		PGGG	
08005W 4603N	1804-15290	00000/0000	1-10030/1003	10/05/74	60	1210	34.7	149.5		PPGG	
08005W 2857N	1926-15065	00000/0000	1-10034/0107	02/04/75	50	2911	32.5	137.0		GFGG	
08005W 2854N	1818-15111	00000/0000	1-10030/1684	10/19/74	40	1405	42.4	140.6		GGGP	
08005W 2854N	1962-15051	00000/0000	1-10035/0426	03/12/75	20	3413	42.6	126.8		GGGF	
08005W 2853N	5052-15003	00000/0000	1-10039/0077	06/10/75	30	4668	58.4	92.5		FFFF	
08005W 2851N	1872-15090	00000/0000	1-10033/0107	12/12/74	30	2158	30.0	146.6		FGGG	
08006W 4606N	1840-15281	00000/0000	1-10031/1133	11/10/74	100	1712	23.2	155.0		PPPP	
08006W 2857N	1836-15103	00000/0000	1-10031/1063	11/06/74	20	1656	37.4	145.0		GPP	
08006W 2853N	1980-15042	00000/0000	1-10036/0421	03/30/75	30	3664	48.2	120.5		GGGG	
08007W 4605N	1822-15290	00000/0000	1-10031/0436	10/23/74	20	1461	28.6	153.1		GGG	
08008W 4603N	5092-15161	00000/0000	1-10040/0254	07/20/75	70	5226	53.3	122.6		FFG	
08008W 4602N	1858-15273	00000/0000	1-10032/0740	11/28/74	50	1963	18.9	155.2		GGGG	
08008W 4558N	1732-15314	00000/0000	1-10027/0721	07/25/74	90	206	54.7	128.6		GGGG	
08009W 4604N	1876-15265	00000/0000	1-10033/0051	12/16/74	90	2214	16.5	154.0		FGFE	
08009W 4556N	1768-15302	00000/0000	1-10029/0619	08/30/74	20	708	46.2	138.7		GGGG	
08009W 4555N	1750-15311	00000/0000	1-10027/1624	08/12/74	40	457	50.9	133.0		PPPP	
08009W 2854N	5016-15023	00000/0000	1-10037/0648	05/05/75	20	4166	56.6	105.0		FFGG	
08010W 4603N	5074-15171	00000/0000	1-10039/0214	07/02/75	60	4975	55.6	121.1		FFFG	
08010W 3310N	1747-15174	00000/0000	1-10027/1538	08/09/74	100	415	56.3	113.0		PGGG	
08010W 3307N	1765-15170	00000/0000	1-10029/0426	08/27/74	10	666	53.2	121.6		GGGG	
08011W 4601N	1948-15235	00000/0000	1-10035/0204	02/26/75	90	3218	28.0	143.1		GFGE	
08011W 4558N	1930-15243	00000/0000	1-10034/0614	02/08/75	30	2967	22.3	145.9		GGGG	
08011W 3310N	1783-15162	00000/0000	1-10029/1164	09/14/74	10	917	49.2	130.4		GGG	
08012W 3340N	5017-15065	00000/0000	1-10037/0628	05/06/75	0	4180	56.1	112.4		GGGG	
08013W 4553N	1894-15260	00000/0000	1-10033/0633	01/03/75	100	2465	16.2	151.6		GGGG	
08013W 3727N	1802-15201	00000/0000	1-10030/0940	10/03/74	40	1182	41.4	142.3		PGGG	
08014W 3314N	1837-15145	00000/0000	1-10032/0011	11/07/74	10	1670	34.0	147.8		PGGP	
08015W 3313N	1819-15153	00000/0000	1-10030/1597	10/20/74	0	1419	39.2	144.2		PGGG	
08015W 3312N	1927-15111	00000/0000	1-10035/0065	02/05/75	100	2925	30.1	139.4		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS				
LONG	LAT		RBV	MSS								B	P	P	B	P
08015W	3311N	1855-15141	00000/0000	1-10032/0467	11/25/74	40	1921	29.7	149.2		GGGP					
08016W	4854N	1805-15340	00000/0000	1-10030/1073	10/06/74	100	1224	32.2	151.8		PPGP					
08016W	4558N	5056-15182	00000/0000	1-10039/0108	06/14/75	80	4724	56.5	122.2		FFFG					
08016W	4556N	5002-15211	00000/0000	1-10037/0335	04/21/75	0	3971	47.7	134.2		GGGG					
08016W	4146N	1803-15244	00000/0000	1-10031/0022	10/04/74	90	1196	38.1	146.1		PGGP					
08016W	3312N	1945-15103	00000/0000	1-10035/0394	02/23/75	70	3176	35.0	135.1		GGFG					
08016W	3308N	1873-15133	00000/0000	1-10033/0346	12/13/74	60	2172	26.7	148.6		FGGG					
08017W	4847N	1787-15343	00000/0000	1-10030/0313	09/18/74	90	973	38.4	147.3		GGGG					
08017W	4556N	5020-15201	00000/0000	1-10037/0706	05/09/75	10	4222	52.5	130.0		GFGG					
08017W	4139N	1785-15251	00000/0000	1-10030/0105	09/16/74	40	945	43.8	140.2		PGGG					
08017W	3308N	1891-15124	00000/0000	1-10033/0281	12/31/74	70	2423	25.7	146.5		FFGG					
08018W	4148N	1839-15235	00000/0000	1-10031/0999	11/09/74	70	1698	26.9	152.8		GP P					
08018W	4142N	1749-15264	00000/0000	1-10027/1351	08/11/74	30	443	53.2	126.9		GGG					
08018W	3722N	1766-15213	00000/0000	1-10029/0479	08/28/74	60	680	51.3	127.8		GGGG					
08018W	3311N	1981-15085	00000/0000	1-10036/0456	03/31/75	10	3678	46.9	125.0		GGGG					
08019W	4855N	1841-15331	00000/0000	1-10031/1167	11/11/74	100	1726	20.6	156.5		PGPP					
08019W	4148N	5091-15114	00000/0000	1-10040/0205	07/19/75	50	5212	54.7	115.8		GGFG					
08019W	4138N	1767-15260	00000/0000	1-10029/0437	08/29/74	100	694	48.9	133.5		GGGG					
08019W	3729N	1730-15225	00000/0000	1-10027/0542	07/23/74	100	178	57.9	114.1		GPGP					
08019W	3729N	5090-15072	00000/0000	1-10040/0029	07/18/75	80	5198	55.6	108.6		GGPF					
08019W	3309N	1999-15075	00000/0000	1-10038/0139	04/18/75	30	3929	52.3	118.6		GGGG					
08020W	4857N	1823-15335	00000/0000	1-10031/0489	10/24/74	90	1475	26.0	155.0		G GP					
08020W	4148N	1821-15243	00000/0000	1-10031/0334	10/22/74	10	1447	32.3	150.3		PPP					
08020W	4148N	5073-15125	00000/0000	1-10039/0348	07/01/75	10	4961	56.8	113.9		FFFG					
08020W	4143N	1875-15222	00000/0000	1-10033/0861	12/15/74	80	2200	19.9	152.3		FGGG					
08020W	4141N	1731-15272	00000/0000	1-10027/0636	07/24/74	50	192	56.5	121.5		PPPG					
08020W	3730N	1838-15192	00000/0000	1-10031/1092	11/08/74	30	1684	30.5	150.4		PPPP					
08020W	3726N	1748-15221	00000/0000	1-10027/1555	08/10/74	80	429	55.0	120.2		GGGG					
08020W	2724N	1782-15122	00000/0000	1-10029/1244	09/13/74	40	903	52.1	122.9		PGGP					
08021W	4859N	5093-15210	00000/0000	1-10040/0291	07/21/75	30	5240	52.0	127.1		GFGG					
08021W	3732N	1856-15184	00000/0000	1-10032/0500	11/26/74	20	1935	26.1	151.4		GP PP					
08021W	3728N	1874-15175	00000/0000	1-10033/0330	12/14/74	50	2186	23.3	150.5		GGGG					
08022W	4147N	1947-15192	00000/0000	1-10035/0286	02/25/75	100	3204	90.4	140.5		GGGG					
08022W	4144N	1857-15231	00000/0000	1-10032/0726	11/27/74	30	1949	22.6	153.3		GP GP					
08022W	4141N	1929-15201	00000/0000	1-10034/0117	02/07/75	70	2953	25.0	143.7		GGFG					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P P B P C C D D
08022W 4139N	1893-15214	00000/0000	1-10033/0571	01/02/75	20	2451	19.4	149.9		GGGG	
08022W 3732N	1820-15200	00000/0000	1-10030/1700	10/21/74	10	1433	35.8	147.4		GGGG	
08022W 3731N	1946-15145	00000/0000	1-10035/0256	02/24/75	80	3190	32.7	137.9		RPPP	
08022W 3729N	5072-15082	00000/0000	1-10039/0325	06/30/75	50	4947	57.6	106.3		GGGG	
08022W 3305N	5035-15060	00000/0000	1-10038/0348	05/24/75	0	4431	58.3	104.5		FFGG	
08023W 4851N	1859-15322	00000/0000	1-10032/0477	11/29/74	50	1977	16.4	156.5		PPGG	
08023W 3726N	1928-15154	00000/0000	1-10034/0180	02/06/75	70	2939	27.6	141.6		GGFG	
08023W 2723N	1764-15130	00000/0000	1-10029/0337	08/26/74	50	652	55.1	112.7		GGGR	
08024W 4848N	1733-15364	00000/0000	1-10027/0766	07/26/74	90	220	53.2	133.0		R	
08024W 4142N	1983-15174	00000/0000	1-10036/0498	04/02/75	40	3706	43.5	133.6		FGGG	
08024W 3721N	1892-15171	00000/0000	1-10033/0540	01/01/75	90	2437	22.6	148.2		GGGG	
08025W 4853N	1949-15284	00000/0000	1-10035/0233	02/27/75	80	3232	26.4	144.9		GGGG	
08025W 3726N	1982-15131	00000/0000	1-10038/0099	04/01/75	0	3692	45.3	129.4		FGGG	
08026W 4853N	5075-15220	00000/0000	1-10039/0386	07/03/75	70	4989	54.5	125.7		FFGG	
08026W 4846N	1877-15314	00000/0000	1-10032/1019	12/17/74	50	2228	14.1	155.1		FFGG	
08026W 4843N	1769-15352	00000/0000	1-10029/0633	08/31/74	90	722	44.2	142.1		PP P	
08026W 4842N	1751-15360	00000/0000	1-10027/1482	08/13/74	90	471	49.2	137.0		GPGG	
08026W 3726N	5036-15103	00000/0000	1-10038/0416	05/25/75	60	4445	57.8	111.8		FFGG	
08027W 4842N	1895-15310	00000/0000	1-10033/0657	01/04/75	70	2479	14.1	152.7		FFFF	
08027W 2725N	1746-15134	00000/0000	1-10027/1442	08/08/74	20	401	57.2	103.1		GGPG	
08028W 4846N	1931-15293	00000/0000	1-10034/0186	02/09/75	10	2981	20.6	147.3		GFGG	
08028W 4138N	5019-15155	00000/0000	1-10037/0619	05/08/75	10	4208	54.1	124.1		FGGF	
08028W 3721N	5018-15112	00000/0000	1-10037/0577	05/07/75	90	4194	55.4	117.9		FFFG	
08028W 2731N	1926-15071	00000/0000	1-10034/0108	02/04/75	20	2911	33.4	136.2		FGGG	
08028W 2730N	1854-15101	00000/0000	1-10032/0294	11/24/74	40	1907	34.2	146.1		GGGG	
08028W 2727N	5052-15010	00000/0000	1-10039/0067	06/10/75	100	4668	58.1	90.1		F FF	
08029W 4845N	5003-15260	00000/0000	1-10037/0578	04/22/75	0	3985	46.4	137.4		GGFG	
08029W 2728N	1818-15113	00000/0000	1-10030/1685	10/19/74	20	1405	43.3	139.4		PGGG	
08029W 2726N	1890-15084	00000/0000	1-10033/0465	12/30/74	10	2409	29.8	143.9		GGGG	
08029W 2724N	1872-15093	00000/0000	1-10033/0108	12/12/74	20	2158	31.1	145.9		GGGG	
08030W 2730N	1836-15105	00000/0000	1-10031/1064	11/06/74	20	1656	38.5	144.1		PGPP	
08030W 2727N	1980-15044	00000/0000	1-10036/0422	03/30/75	40	3664	48.7	118.8		GGGG	
08032W 4843N	5021-15251	00000/0000	1-10038/0061	05/10/75	0	4236	51.3	133.8		GGGG	
08033W 2727N	5016-15025	00000/0000	1-10037/0649	05/05/75	20	4166	56.7	102.7		FFGG	
08035W 3144N	1747-15181	00000/0000	1-10027/1539	08/09/74	70	415	56.6	110.7		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS			
LONG	LAT											B	P	P	B
08035W	3142N	1765-15173	00000/0000	1-10029/0427	08/27/74	20	666	53.7	119.5		GGGG				
08036W	4430N	1786-15300	00000/0000	1-10030/0198	09/17/74	20	959	41.7	143.2		GGGG				
08036W	3144N	1783-15164	00000/0000	1-10029/1165	09/14/74	50	917	49.9	128.7		GGGG				
08038W	4437N	1804-15293	00000/0000	1-10030/1004	10/05/74	50	1210	35.7	148.5		PGPG				
08040W	4441N	1840-15284	00000/0000	1-10031/1134	11/10/74	100	1712	24.3	154.3		PPPP				
08040W	4440N	1822-15292	00000/0000	1-10031/0437	10/23/74	60	1461	29.7	152.2		PPG				
08040W	3601N	1802-15203	00000/0000	1-10030/0941	10/03/74	10	1182	42.3	141.1		PGGG				
08040W	3148N	1837-15152	00000/0000	1-10032/0012	11/07/74	20	1670	35.1	147.0		GGGG				
08041W	4438N	5092-15163	00000/0000	1-10040/0255	07/20/75	90	5226	53.8	120.4		GF				
08041W	4433N	1732-15321	00000/0000	1-10027/0722	07/25/74	70	206	55.3	126.3		GG				
08041W	3147N	1819-15160	00000/0000	1-10030/1598	10/20/74	20	1419	40.2	143.1		PGGG				
08041W	3147N	1927-15114	00000/0000	1-10035/0066	02/05/75	100	2925	31.0	138.5		GGGG				
08041W	3146N	1855-15144	00000/0000	1-10032/0468	11/25/74	30	1921	30.8	148.5		PGGG				
08042W	4437N	1858-15280	00000/0000	1-10032/0741	11/28/74	90	1963	20.1	154.6		GGPG				
08042W	4431N	1768-15305	00000/0000	1-10029/0620	08/30/74	10	708	47.0	137.1		GGPG				
08042W	3146N	1945-15105	00000/0000	1-10035/0395	02/23/75	60	3176	35.8	134.1		GGFG				
08042W	3143N	1891-15131	00000/0000	1-10033/0282	12/31/74	20	2423	26.7	145.8		GGGG				
08042W	3142N	1873-15135	00000/0000	1-10033/0347	12/13/74	60	2172	27.8	148.0		GGGG				
08043W	4438N	1876-15271	00000/0000	1-10033/0052	12/16/74	90	2214	17.6	153.4		PGGG				
08043W	4429N	1750-15313	00000/0000	1-10027/1625	08/12/74	40	457	51.7	131.1		PPPP				
08044W	4438N	5074-15174	00000/0000	1-10039/0215	07/02/75	20	4975	56.0	118.7		FFFG				
08044W	4433N	1930-15250	00000/0000	1-10034/0615	02/08/75	80	2967	23.3	145.1		GGGG				
08044W	3145N	1981-15091	00000/0000	1-10036/0457	03/31/75	70	3678	47.5	123.4		FFFF				
08044W	3143N	1999-15082	00000/0000	1-10038/0140	04/18/75	0	3929	52.7	116.7		FGGG				
08044W	2558N	1782-15124	00000/0000	1-10029/1245	09/13/74	50	903	52.6	121.0		PGGG				
08045W	4436N	1948-15241	00000/0000	1-10035/0205	02/26/75	90	3218	28.9	142.2		FFGG				
08045W	4020N	1803-15250	00000/0000	1-10031/0023	10/04/74	40	1196	39.1	145.0		PGGP				
08045W	3557N	1766-15220	00000/0000	1-10029/0480	08/28/74	60	680	51.9	125.9		GGGG				
08046W	4428N	1894-15263	00000/0000	1-10033/0634	01/03/75	100	2465	17.3	151.0		GGGG				
08046W	3602N	1730-15231	00000/0000	1-10027/0543	07/23/74	100	178	58.2	111.6		GGGP				
08047W	4014N	1785-15254	00000/0000	1-10030/0106	09/16/74	10	945	44.7	138.8		PPPG				
08047W	3140N	5035-15063	00000/0000	1-10038/0349	05/24/75	10	4431	58.4	102.0		FFFG				
08047W	2557N	1764-15133	00000/0000	1-10029/0338	08/26/74	30	652	55.4	110.5		GGPG				M
08048W	4022N	1839-15241	00000/0000	1-10031/1000	11/09/74	60	1698	28.0	152.0		GGPP				
08048W	3604N	1838-15195	00000/0000	1-10031/1093	11/08/74	70	1684	31.6	149.6		PPPP				

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D				
08048W	3601N	1748-15224	00000/0000	1-10027/1556	08/10/74	90	429	55.4	118.0		GGGG					
08049W	4433N	5056-15184	00000/0000	1-10039/0109	06/14/75	60	4724	56.9	119.8		FFFG					
08049W	4431N	5002-15213	00000/0000	1-10037/0336	04/21/75	0	3971	48.4	132.5		FGGG					
08049W	4012N	1767-15262	00000/0000	1-10029/0438	08/29/74	90	694	49.7	131.7		GGGP					
08049W	3606N	1820-15203	00000/0000	1-10030/1701	10/21/74	0	1433	36.8	146.4		GGGG					
08049W	3606N	1856-15190	00000/0000	1-10032/0501	11/26/74	0	1935	27.2	150.7		GGPP					
08049W	3605N	1946-15152	00000/0000	1-10035/0257	02/24/75	100	3190	33.6	136.9		FGGG					
08049W	3604N	5072-15085	00000/0000	1-10039/0326	06/30/75	70	4947	57.7	103.8		FFGF					
08049W	3602N	1874-15182	00000/0000	1-10033/0331	12/14/74	60	2186	24.4	149.9		GGGG					
08049W	2600N	1746-15141	00000/0000	1-10027/1443	08/08/74	20	401	57.3	100.7		GGPG					
08050W	4431N	5020-15204	00000/0000	1-10037/0707	05/09/75	10	4222	53.2	128.0		FFGF					
08050W	4022N	5073-15131	00000/0000	1-10039/0349	07/01/75	20	4961	57.1	111.4		PGFE					
08050W	4016N	1731-15274	00000/0000	1-10027/0637	07/24/74	70	192	57.0	119.2		PPPG					
08050W	4016N	1749-15270	00000/0000	1-10027/1352	08/11/74	40	443	53.8	124.8		PGGG					
08051W	4023N	1821-15245	00000/0000	1-10031/0335	10/22/74	0	1447	33.3	149.4		GGGR					
08051W	4017N	1875-15225	00000/0000	1-10033/0862	12/15/74	100	2200	21.0	151.7		GGTG					
08051W	3600N	1928-15161	00000/0000	1-10034/0181	02/06/75	20	2939	28.5	140.8		GGGG					
08051W	3555N	1892-15174	00000/0000	1-10033/0541	01/01/75	80	2437	23.7	147.6		FGFG					
08051W	2604N	1926-15074	00000/0000	1-10034/0109	02/04/75	20	2911	34.2	135.2		FGGF				M	
08051W	2601N	5052-15012	00000/0000	1-10039/0068	06/10/75	100	4668	57.9	87.6		FFFG					
08052W	4730N	1805-15342	00000/0000	1-10030/1074	10/06/74	100	1224	33.2	150.8		PGPP					
08052W	4021N	1947-15194	00000/0000	1-10035/0287	02/25/75	100	3204	31.3	139.6		FGGG					
08052W	4019N	1857-15233	00000/0000	1-10032/0727	11/27/74	30	1949	23.7	152.7		PGGG					
08052W	4015N	1929-15203	00000/0000	1-10034/0118	02/07/75	60	2953	25.9	142.9		GGGG					
08052W	3602N	5000-15124	00000/0000	1-10037/0485	04/19/75	80	3943	51.6	122.2		GGGG					
08052W	3600N	1982-15134	00000/0000	1-10038/0100	04/01/75	0	3692	46.0	127.8		GGGG					
08052W	2603N	1854-15103	00000/0000	1-10032/0295	11/24/74	70	1907	35.2	145.3		PPGP					
08052W	2602N	1818-15120	00000/0000	1-10030/1686	10/19/74	10	1405	44.2	138.2		GGPG				M	
08052W	2600N	1890-15091	00000/0000	1-10033/0466	12/30/74	10	2409	30.8	143.1		GGGF				M	
08052W	2558N	1872-15095	00000/0000	1-10033/0109	12/12/74	20	2158	32.1	145.2		GGGG				M	
08053W	4721N	1787-15350	00000/0000	1-10030/0314	09/18/74	50	973	39.4	146.0		GGGG					
08053W	4014N	1893-15220	00000/0000	1-10033/0572	01/02/75	40	2451	20.5	149.3		GGGG					
08053W	3601N	5036-15105	00000/0000	1-10038/0417	05/25/75	60	4445	58.1	109.3		FGGG					
08053W	2603N	1836-15112	00000/0000	1-10031/1065	11/06/74	40	1656	39.5	143.1		PGPP				M	
08053W	2601N	1980-15051	00000/0000	1-10036/0423	03/30/75	50	3664	49.2	117.1		GGGG					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08054W 4018N	5001-15171	00000/0000	1-10037/0330	04/20/75	70	3957	50.1	127.5		FFFG	
08054W 4017N	1983-15180	00000/0000	1-10036/0499	04/02/75	10	3706	44.2	132.1		GGGG	
08055W 2601N	5016-15032	00000/0000	1-10037/0650	05/05/75	30	4166	56.8	100.3		FGGG	
08056W 4730N	1841-15333	00000/0000	1-10031/1168	11/11/74	100	1726	21.7	155.8		PGGP	
08057W 4733N	1823-15341	00000/0000	1-10031/0493	10/24/74	80	1475	27.1	154.1		PGGP	
08057W 4013N	5019-15161	00000/0000	1-10037/0620	05/08/75	10	4208	54.7	121.9		GGGG	
08058W 4734N	5093-15212	00000/0000	1-10040/0292	07/21/75	50	5240	52.6	125.0		FFGG	
08059W 4726N	1859-15325	00000/0000	1-10032/0478	11/29/74	30	1977	17.6	155.8		GGPP	
08100W 4723N	1733-15370	00000/0000	1-10027/0754	07/26/74	100	220	53.9	130.9		P	
08100W 3019N	1747-15183	00000/0000	1-10027/1540	08/09/74	60	415	56.8	108.4		GGGG	
08100W 3016N	1783-15171	00000/0000	1-10029/1166	09/14/74	60	917	50.6	127.0		GGGG	
08101W 3017N	1765-15175	00000/0000	1-10029/0428	08/27/74	40	666	54.2	117.5		GGGG	
08102W 4728N	1949-15290	00000/0000	1-10035/0234	02/27/75	90	3232	27.4	143.9		GGGG	
08102W 4719N	1769-15354	00000/0000	1-10029/0634	08/31/74	80	722	45.0	140.6		PP P	
08102W 4718N	1751-15362	00000/0000	1-10027/1483	08/13/74	50	471	50.0	135.1		GGGG	
08103W 4727N	5075-15223	00000/0000	1-10039/0387	07/03/75	50	4989	55.0	123.4		GGGG	
08103W 4721N	1877-15321	00000/0000	1-10032/1020	12/17/74	20	2228	15.3	154.5		FFGG	
08104W 4721N	1931-15295	00000/0000	1-10034/0187	02/09/75	10	2981	21.6	146.5		GGFG	
08104W 4717N	1895-15312	00000/0000	1-10033/0658	01/04/75	90	2479	15.2	152.1		FFGG	
08105W 3022N	1837-15154	00000/0000	1-10032/0013	11/07/74	30	1670	36.1	146.1		PGGG	
08105W 3019N	1855-15150	00000/0000	1-10032/0469	11/25/74	30	1921	31.8	147.8		GGPP	
08106W 4720N	5003-15263	00000/0000	1-10037/0579	04/22/75	30	3985	47.2	135.7		GGFG	
08106W 3022N	1927-15120	00000/0000	1-10035/0067	02/05/75	80	2925	31.9	137.7		GGGG	
08106W 3021N	1819-15162	00000/0000	1-10030/1599	10/20/74	50	1419	41.1	142.0		PGPG	
08107W 3436N	1802-15210	00000/0000	1-10030/0942	10/03/74	0	1182	43.2	139.9		PGGG	
08107W 3017N	1891-15133	00000/0000	1-10033/0283	12/31/74	20	2423	27.8	145.1		FGF	
08108W 3020N	1981-15094	00000/0000	1-10036/0458	03/31/75	90	3678	48.0	121.8		FGGG	
08108W 3018N	1999-15084	00000/0000	1-10038/0141	04/18/75	0	3929	53.1	114.6		FGGG	
08108W 2432N	1782-15131	00000/0000	1-10029/1246	09/13/74	40	903	53.1	119.1		GGGG	
08109W 4719N	5021-15253	00000/0000	1-10038/0062	05/10/75	0	4236	52.1	131.8		FGGG	
08109W 4305N	1786-15303	00000/0000	1-10030/0199	09/17/74	40	959	42.6	141.9		GGGG	
08110W 4312N	1804-15295	00000/0000	1-10030/1005	10/05/74	20	1210	36.7	147.4		PPPP	
08111W 3436N	1730-15234	00000/0000	1-10027/0544	07/23/74	90	178	58.4	109.1		GGGP	
08111W 3014N	5035-15065	00000/0000	1-10038/0350	05/24/75	10	4431	58.4	99.5		FFGG	
08111W 2431N	1764-15135	00000/0000	1-10029/0339	08/26/74	30	652	55.6	108.3		GGGP	

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08112W	4315N	1840-15290	00000/0000	1-10031/1135	11/10/74	100	1712	25.4	153.6	PPPP	
08112W	4314N	1822-15295	00000/0000	1-10031/0438	10/23/74	#0	1461	30.9	151.4	PGPP	
08112W	3430N	1766-15222	00000/0000	1-10029/0481	08/28/74	50	680	52.5	124.0	GGGG	
08113W	2437N	1926-15080	00000/0000	1-10034/0110	02/04/75	30	2911	35.0	134.3	GGGG	
08114W	4313N	5092-15170	00000/0000	1-10040/0256	07/20/75	90	5226	54.2	118.2	FFG	
08114W	4312N	1858-15282	00000/0000	1-10032/0737	11/28/74	80	1963	21.2	154.0	P GR	
08114W	4307N	1732-15323	00000/0000	1-10027/0723	07/25/74	50	206	55.9	124.1	GGGG	
08114W	4305N	1768-15311	00000/0000	1-10029/0621	08/30/74	#0	708	47.8	135.5	GGPG	
08114W	3855N	1803-15253	00000/0000	1-10031/0024	10/04/74	10	1196	40.1	143.8	PGGG	
08114W	3435N	1748-15230	00000/0000	1-10027/1557	08/10/74	60	429	55.8	115.8	GGGG	
08115W	4303N	1750-15320	00000/0000	1-10027/1626	08/12/74	40	457	52.3	129.2	PPPP	
08115W	3439N	1946-15154	00000/0000	1-10035/0258	02/24/75	100	3190	34.4	135.9	FGGG	
08115W	3438N	1838-15201	00000/0000	1-10031/1094	11/08/74	80	1684	32.7	148.8	PPPP	
08115W	2437N	1854-15110	00000/0000	1-10032/0296	11/24/74	40	1907	36.2	144.4	GGGG	
08115W	2435N	1818-15122	00000/0000	1-10030/1687	10/19/74	20	1405	45.1	136.9	PGGP	
08116W	4313N	1876-15274	00000/0000	1-10033/0053	12/16/74	90	2214	18.7	152.8	FFFF	
08116W	4312N	5074-15180	00000/0000	1-10039/0216	07/02/75	10	4975	56.4	116.3	FGFE	
08116W	3849N	1785-15260	00000/0000	1-10030/0101	09/16/74	10	945	45.6	137.4	P PG	
08116W	3440N	1820-15205	00000/0000	1-10030/1702	10/21/74	0	1433	37.9	145.4	PGGG	
08116W	3440N	1856-15193	00000/0000	1-10032/0502	11/26/74	0	1935	28.3	150.0	GGPP	
08116W	3438N	5072-15091	00000/0000	1-10039/0327	06/30/75	50	4947	57.7	101.3	FFFG	
08116W	3436N	1874-15184	00000/0000	1-10033/0332	12/14/74	10	2186	25.5	149.2	GGGG	
08117W	4310N	1948-15244	00000/0000	1-10035/0206	02/26/75	80	3218	29.9	141.3	GGGG	
08117W	4308N	1930-15252	00000/0000	1-10034/0616	02/08/75	90	2967	24.3	144.3	GGGE	
08117W	3434N	1928-15163	00000/0000	1-10034/0182	02/06/75	30	2939	29.4	139.9	GGGG	
08117W	3429N	1892-15180	00000/0000	1-10033/0542	01/01/75	90	2437	24.7	146.9	GGGG	
08118W	4303N	1894-15265	00000/0000	1-10033/0635	01/03/75	100	2465	18.4	150.4	GGGG	
08118W	3856N	1839-15244	00000/0000	1-10031/1001	11/09/74	20	1698	29.1	151.3	GGGG	
08118W	3846N	1767-15265	00000/0000	1-10029/0439	08/29/74	80	694	50.4	130.0	GGGG	
08119W	3857N	5073-15134	00000/0000	1-10039/0350	07/01/75	10	4961	57.3	108.9	FFGG	
08119W	3851N	1749-15273	00000/0000	1-10027/1353	08/11/74	70	443	54.3	122.7	PGGG	
08119W	3850N	1731-15281	00000/0000	1-10027/0638	07/24/74	80	192	57.4	116.7	PGPG	
08119W	3436N	5000-15131	00000/0000	1-10037/0486	04/19/75	60	3943	52.1	120.2	GGGG	
08119W	3435N	1982-15140	00000/0000	1-10038/0101	04/01/75	50	3692	46.6	126.3	GGFG	
08120W	3857N	1821-15252	00000/0000	1-10031/0336	10/22/74	0	1447	34.4	148.5	PGGP	

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08120W	3853N	1857-15240	00000/0000	1-10032/0728	11/27/74	20	1949	24.8	152.0	PGGG	
08121W	4307N	5056-15191	00000/0000	1-10039/0110	06/14/75	50	4724	57.3	117.3	FFFG	
08121W	3855N	1947-15201	00000/0000	1-10035/0288	02/25/75	100	3204	32.2	138.6	FGGG	
08121W	3851N	1875-15231	00000/0000	1-10033/0863	12/15/74	100	2200	22.1	151.0	FFFF	
08121W	3850N	1929-15210	00000/0000	1-10034/0119	02/07/75	50	2953	26.9	142.1	GG G	
08122W	4306N	5020-15210	00000/0000	1-10037/0708	05/09/75	10	4222	53.8	125.9	FGGG	
08122W	3848N	1893-15223	00000/0000	1-10033/0573	01/02/75	60	2451	21.5	148.7	PGGG	
08123W	3853N	5001-15173	00000/0000	1-10037/0331	04/20/75	60	3957	50.7	125.6	GGGG	
08123W	3851N	1983-15183	00000/0000	1-10036/0500	04/02/75	0	3706	45.0	130.6	GGGG	
08124W	2852N	1747-15190	00000/0000	1-10027/1541	08/09/74	30	415	57.0	106.0	GGGG	
08125W	2852N	1765-15182	00000/0000	1-10029/0429	08/27/74	60	666	54.6	115.4	GGGG	
08126W	3850N	5037-15154	00000/0000	1-10038/0474	05/26/75	30	4459	57.6	114.0	FFF	
08126W	3848N	5019-15164	00000/0000	1-10037/0621	05/08/75	10	4208	55.1	119.7	GGGG	
08127W	4605N	1805-15345	00000/0000	1-10030/1075	10/06/74	100	1224	34.3	149.8	PPGG	
08129W	4556N	1787-15352	00000/0000	1-10030/0315	09/18/74	20	973	40.4	144.8	GGGG	
08129W	2856N	1837-15161	00000/0000	1-10032/0014	11/07/74	0	1670	37.2	145.2	PGPG	
08129W	2853N	1855-15153	00000/0000	1-10032/0470	11/25/74	20	1921	32.9	147.0	PPPP	
08130W	2856N	1927-15123	00000/0000	1-10035/0068	07/05/75	40	2925	32.7	136.8	FGGG	
08131W	2855N	1819-15165	00000/0000	1-10030/1600	10/20/74	30	1419	42.1	140.9	GGPG	
08131W	2851N	1891-15140	00000/0000	1-10033/0284	12/31/74	20	2423	28.8	144.4	GGGG	
08132W	4605N	1841-15340	00000/0000	1-10031/1169	11/11/74	100	1726	22.9	155.1	PGPP	
08132W	2852N	1999-15091	00000/0000	1-10038/0142	04/18/75	0	3929	53.4	112.6	GGGG	M
08133W	4609N	5093-15215	00000/0000	1-10040/0293	07/21/75	70	5240	53.1	122.9	GGFG	
08133W	3311N	1802-15212	00000/0000	1-10030/0943	10/03/74	10	1182	44.2	138.6	GGGG	
08133W	2854N	1981-15100	00000/0000	1-10036/0459	03/31/75	80	3678	48.5	120.1	GGGG	
08135W	4601N	1859-15331	00000/0000	1-10032/0479	11/29/74	30	1977	18.7	155.2	P	
08135W	4558N	1733-15373	00000/0000	1-10027/0755	07/26/74	100	220	54.5	128.8	PP	
08135W	2848N	5035-15072	00000/0000	1-10038/0351	05/24/75	20	4431	58.3	97.0	FFGG	
08136W	4603N	1949-15293	00000/0000	1-10035/0235	02/27/75	70	3232	28.3	143.0	GGGG	
08137W	4602N	1985-15274	00000/0000	1-10036/0668	04/04/75	50	3734	41.8	137.5	FGFG	
08137W	4554N	1769-15361	00000/0000	1-10029/0635	08/31/74	70	722	45.9	139.0	PPPP	
08137W	4552N	1751-15365	00000/0000	1-10027/1484	08/13/74	10	471	50.7	133.3	GGGG	
08137W	3311N	1730-15240	00000/0000	1-10027/0545	07/23/74	90	178	58.6	106.5	GGPG	
08137W	3305N	1766-15225	00000/0000	1-10029/0482	08/28/74	40	680	53.0	122.0	GGGG	
08138W	4601N	5075-15225	00000/0000	1-10039/0388	07/03/75	30	4989	55.5	121.0	GGGG	

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08138W 4556N	1877-15323	00000/0000	1-10032/1021	12/17/74	80	2228	16.4	153.8		FFF	
08139W 4557N	1931-15302	00000/0000	1-10034/0188	02/09/75	30	2981	22.6	145.7		GGG	
08139W 4552N	1895-15315	00000/0000	1-10033/0659	01/04/75	80	2479	16.2	151.5		FFG	
08140W 4146N	1804-15302	00000/0000	1-10030/1006	10/05/74	30	1210	37.8	146.4		PPP	
08140W 4140N	1786-15305	00000/0000	1-10030/0200	09/17/74	20	959	43.5	140.5		GGG	
08140W 3309N	1748-15233	00000/0000	1-10027/1558	08/10/74	50	429	56.2	113.5		GGG	
08141W 3314N	1820-15212	00000/0000	1-10030/1703	10/21/74	0	1433	38.9	144.4		GGG	
08141W 3314N	1946-15161	00000/0000	1-10035/0259	02/24/75	100	3190	35.3	134.9		GGG	
08142W 4555N	5003-15265	00000/0000	1-10037/0580	04/22/75	40	3985	48.0	134.0		GGG	
08142W 3729N	1803-15255	00000/0000	1-10031/0025	10/04/74	0	1196	41.1	142.7		PPG	
08142W 3314N	1856-15195	00000/0000	1-10032/0503	11/26/74	0	1935	29.4	149.3		GGG	
08142W 3312N	1838-15204	00000/0000	1-10031/1095	11/08/74	100	1684	33.8	148.0		PPP	
08142W 3311N	1874-15191	00000/0000	1-10033/0333	12/14/74	10	2186	26.6	148.6		GGG	
08143W 4845N	1788-15401	00000/0000	1-10030/0329	09/19/74	90	987	38.1	147.5		GGG	
08143W 4555N	5039-15250	00000/0000	1-10038/0484	05/28/75	60	4487	55.6	125.4		FFG	
08143W 4554N	5021-15260	00000/0000	1-10038/0063	05/10/75	0	4236	52.7	129.8		GGG	
08143W 4150N	1840-15293	00000/0000	1-10031/1136	11/10/74	100	1712	26.6	152.9		PPP	
08143W 4148N	1822-15301	00000/0000	1-10031/0439	10/23/74	70	1461	31.9	150.5		GGG	
08143W 3303N	1892-15183	00000/0000	1-10033/0543	01/01/75	90	2437	25.8	146.3		GGG	
08144W 4147N	5092-15172	00000/0000	1-10040/0257	07/20/75	90	5226	54.6	116.0		GGG	
08144W 3724N	1785-15263	00000/0000	1-10030/0107	09/16/74	20	945	46.4	135.9		PPP	
08144W 3308N	1928-15170	00000/0000	1-10034/0183	02/06/75	50	2939	30.3	139.1		GGG	
08145W 4855N	1824-15393	00000/0000	1-10031/0681	10/25/74	100	1489	25.7	155.1		P	
08145W 4146N	1858-15285	00000/0000	1-10032/0742	11/28/74	70	1963	22.3	153.3		GGG	
08145W 4140N	1768-15314	00000/0000	1-10029/0622	08/30/74	50	708	48.6	133.9		GGG	
08145W 3310N	5000-15133	00000/0000	1-10037/0487	04/19/75	60	3943	52.5	118.3		GGG	
08145W 3309N	1982-15143	00000/0000	1-10038/0102	04/01/75	100	3692	47.2	124.7		FFG	
08146W 4138N	1750-15322	00000/0000	1-10027/1627	08/12/74	50	457	53.0	127.2		PPP	
08146W 3730N	1839-15250	00000/0000	1-10031/1002	11/09/74	10	1698	30.2	150.5		GGG	
08146W 3721N	1767-15271	00000/0000	1-10029/0440	08/29/74	80	694	51.0	128.2		GGG	
08146W 3310N	5036-15114	00000/0000	1-10038/0418	05/25/75	0	4445	58.4	104.3		GGG	
08147W 4854N	1842-15385	00000/0000	1-10032/0032	11/12/74	80	1740	20.3	156.6		PPP	
08147W 4851N	1806-15394	00000/0000	1-10031/0054	10/07/74	100	1238	31.8	152.0		GGG	
08147W 4148N	1876-15280	00000/0000	1-10033/0054	12/16/74	90	2214	19.8	152.2		FFG	
08147W 4146N	5074-15183	00000/0000	1-10039/0217	07/02/75	10	4975	56.7	113.9		GGG	

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08147W	3731N	5073-15140	00000/0000	1-10039/0351	07/01/75	20	4961	57.5	106.4		FGGG
08147W	2724N	1783-15180	00000/0000	1-10029/1167	09/14/74	30	917	51.8	123.5		GGGG
08148W	4145N	1948-15250	00000/0000	1-10035/0207	07/26/75	50	3218	30.8	140.3		GGGF
08148W	4142N	1930-15255	00000/0000	1-10034/0617	02/08/75	90	2967	25.2	143.5		GGGG
08148W	3731N	1821-15254	00000/0000	1-10031/0330	10/22/74	10	1447	35.5	147.6		P GP
08148W	3728N	1857-15242	00000/0000	1-10032/0729	11/27/74	20	1949	26.0	151.3		GGGP
08148W	3726N	1749-15275	00000/0000	1-10027/1354	08/11/74	90	443	54.8	120.6		GP GG
08148W	3724N	1731-15283	00000/0000	1-10027/0629	07/24/74	60	192	57.8	114.3		G PG
08148W	2725N	1747-15192	00000/0000	1-10027/1542	08/09/74	20	415	57.1	103.6		GGGG
08149W	4851N	1860-15381	00000/0000	1-10032/0586	11/30/74	50	1991	16.3	156.4		PGGG
08149W	4138N	1894-15272	00000/0000	1-10033/0636	01/03/75	100	2465	19.4	149.8		GGGG
08149W	3730N	1947-15203	00000/0000	1-10035/0289	02/25/75	90	3204	33.1	137.6		FGGG
08149W	3726N	1875-15234	00000/0000	1-10033/0864	12/15/74	100	2200	23.2	150.4		GFFG
08149W	2725N	1765-15184	00000/0000	1-10029/0430	08/27/74	80	666	54.9	113.3		GGGG
08150W	4842N	1770-15410	00000/0000	1-10029/0649	09/01/74	80	736	43.9	142.4		PP G
08150W	3724N	1929-15212	00000/0000	1-10034/0120	02/07/75	90	2953	27.8	141.3		FF G
08151W	4846N	1878-15372	00000/0000	1-10032/1046	12/18/74	60	2242	14.1	155.0		FF G
08151W	4842N	1752-15414	00000/0000	1-10027/1769	08/14/74	100	485	48.9	137.2		GGGG
08151W	3727N	5001-15180	00000/0000	1-10037/0332	04/20/75	30	3957	51.3	123.8		GFFG
08151W	3725N	1983-15185	00000/0000	1-10036/0501	04/02/75	10	3706	45.7	129.1		FGGG
08151W	3722N	1893-15225	00000/0000	1-10033/0574	01/02/75	10	2451	22.6	148.1		GGGG
08152W	4848N	1734-15422	00000/0000	1-10027/0647	07/27/74	40	234	53.0	133.2		PGGG
08152W	4142N	5056-15193	00000/0000	1-10039/0111	06/14/75	40	4724	57.7	114.8		FFFG
08152W	4141N	5020-15213	00000/0000	1-10037/0709	05/09/75	10	4222	54.3	123.8		PPPP
08152W	4140N	5002-15222	00000/0000	1-10037/0337	04/21/75	20	3971	49.8	128.9		FGGG
08153W	4851N	1950-15342	00000/0000	1-10035/0498	02/28/75	20	3246	26.8	144.7		GGGG
08153W	3725N	5037-15161	00000/0000	1-10038/0475	05/26/75	40	4459	57.9	111.5		GGG
08153W	2726N	1855-15155	00000/0000	1-10032/0471	11/25/74	20	1921	34.0	146.2		GP GP
08154W	4845N	1932-15351	00000/0000	1-10034/0275	02/10/75	10	2995	20.9	147.1		GGGG
08154W	4841N	1896-15364	00000/0000	1-10033/0728	01/05/75	80	2493	14.1	152.5		GGGG
08154W	3723N	5019-15170	00000/0000	1-10037/0622	05/08/75	50	4208	55.6	117.5		FGGG
08154W	2729N	1819-15171	00000/0000	1-10030/1601	10/20/74	0	1419	43.0	139.7		PGGG
08154W	2729N	1837-15163	00000/0000	1-10032/0015	11/07/74	40	1670	38.2	144.2		PGGG
08154W	2725N	1891-15142	00000/0000	1-10033/0285	12/31/74	10	2423	29.8	143.7		GGGF
08155W	4851N	1968-15333	00000/0000	1-10036/0105	03/18/75	30	3497	33.6	142.5		GGG

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 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08155W 2729N	1927-15125	00000/0000	1-10035/0069	02/05/75	40	2925	33.6	135.9		GGGG	
08155W 2726N	1999-15093	00000/0000	1-10038/0143	04/18/75	10	3929	53.7	110.5		GGGG	
08156W 2728N	1981-15103	00000/0000	1-10036/0460	03/31/75	60	3678	49.0	118.4		GGGG	
08158W 3145N	1802-15215	00000/0000	1-10030/0944	10/03/74	10	1182	45.0	137.3		GGGG	
08159W 2721N	5035-15074	00000/0000	1-10038/0352	05/24/75	30	4431	58.2	94.5		FFGG	
08200W 4847N	5022-15305	00000/0000	1-10037/0412	05/11/75	80	4250	51.6	133.6		FFFF	
08200W 4844N	5040-15295	00000/0000	1-10038/0498	05/29/75	40	4501	54.5	129.7		FFFF	
08201W 4439N	1805-15351	00000/0000	1-10030/1076	10/06/74	80	1224	35.4	148.7		PPPG	
08202W 3146N	1730-15243	00000/0000	1-10027/0546	07/23/74	80	178	58.7	104.0		GGGG	
08202W 3140N	1766-15231	00000/0000	1-10029/0483	08/28/74	20	680	53.5	120.0		GGGG	
08203W 4431N	1787-15355	00000/0000	1-10030/0316	09/18/74	20	973	41.3	143.5		GGGG	
08206W 4443N	5093-15221	00000/0000	1-10040/0294	07/21/75	80	5240	53.6	120.7		GGFG	
08206W 4439N	1841-15342	00000/0000	1-10031/1170	11/11/74	100	1726	24.0	154.4		PGGP	
08206W 3147N	1946-15163	00000/0000	1-10035/0260	02/24/75	100	3190	36.1	133.8		GGGG	
08206W 3144N	1748-15235	00000/0000	1-10027/1559	08/10/74	40	429	56.5	111.2		GGGG	
08207W 3148N	1820-15214	00000/0000	1-10030/1704	10/21/74	10	1433	39.9	143.4		GGPG	
08207W 3146N	5072-15100	00000/0000	1-10039/0328	06/30/75	20	4947	57.6	96.4		FFFF	
08207W 3145N	1874-15193	00000/0000	1-10033/0334	12/14/74	10	2186	27.7	147.9		GGFG	
08208W 3148N	1856-15202	00000/0000	1-10032/0504	11/26/74	0	1935	30.5	148.6		GPPP	
08208W 3146N	1838-15210	00000/0000	1-10031/1096	11/08/74	100	1684	34.8	147.1		PPP	
08208W 3137N	1892-15185	00000/0000	1-10033/0544	01/01/75	30	2437	26.8	145.6		GGGG	
08209W 4438N	1949-15295	00000/0000	1-10035/0236	02/27/75	70	3232	29.3	142.1		GGGG	
08209W 4436N	1859-15334	00000/0000	1-10032/0480	11/29/74	80	1977	19.9	154.6		GGGG	
08209W 4432N	1733-15375	00000/0000	1-10027/0756	07/26/74	80	220	55.1	126.6		PG	
08209W 4021N	1804-15304	00000/0000	1-10030/1007	10/05/74	30	1210	38.8	145.3		PGGG	
08209W 3603N	1803-15262	00000/0000	1-10031/0026	10/04/74	0	1196	42.0	141.5		PGGG	
08209W 3142N	1928-15172	00000/0000	1-10034/0184	02/06/75	70	2939	31.2	138.2		GGGG	
08210W 4436N	1985-15281	00000/0000	1-10036/0669	04/04/75	70	3734	42.6	136.1		FGFG	
08210W 4429N	1769-15363	00000/0000	1-10029/0636	08/31/74	70	722	46.8	137.5		PP P	
08210W 4427N	1751-15371	00000/0000	1-10027/1485	08/13/74	10	471	51.4	131.4		PGGG	
08210W 3143N	5036-15121	00000/0000	1-10038/0419	05/25/75	10	4445	58.4	101.7		FGGG	
08211W 4436N	5075-15232	00000/0000	1-10039/0389	07/03/75	10	4989	55.9	118.7		GGGG	
08211W 4016N	1786-15312	00000/0000	1-10030/0201	09/17/74	10	959	44.4	139.2		GGGG	
08211W 3558N	1785-15265	00000/0000	1-10030/0108	09/16/74	10	945	47.2	134.4		PPGG	
08211W 3144N	5000-15140	00000/0000	1-10037/0488	04/19/75	70	3943	53.0	116.3		GGFG	

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 OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL-NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P B P C C D D
LONG	LAT											
08211W	3143N	1982-15145	00000/0000	1-10038/0103	04/01/75	100	3692	47.8	123.0		GGFF	
08211W	2558N	1783-15182	00000/0000	1-10029/1168	09/14/74	50	917	52.4	121.6		GGPG	
08212W	4432N	1931-15304	00000/0000	1-10034/0189	02/09/75	70	2981	23.6	144.9		GGFF	
08212W	4431N	1877-15330	00000/0000	1-10032/1022	12/17/74	80	2228	17.5	153.2		FFFG	
08212W	4427N	1895-15321	00000/0000	1-10033/0660	01/04/75	40	2479	17.3	150.8		FGGG	
08212W	2559N	1747-15195	00000/0000	1-10027/1543	08/09/74	30	415	57.2	101.2		GGGG	
08213W	4023N	1822-15304	00000/0000	1-10031/0440	10/23/74	50	1461	33.0	149.6		GPG	
08213W	2557N	1765-15191	00000/0000	1-10029/0431	08/27/74	40	666	55.2	111.1		GGGG	
08214W	4024N	1840-15295	00000/0000	1-10031/1137	11/10/74	100	1712	27.7	152.1		PPP	
08214W	4021N	5092-15175	00000/0000	1-10040/0266	07/20/75	90	5226	54.9	113.7		FG	
08214W	3606N	5073-15143	00000/0000	1-10039/0352	07/01/75	40	4961	57.6	103.9		PGFG	
08214W	3554N	1767-15274	00000/0000	1-10029/0441	08/29/74	70	694	51.7	126.3		GGGG	
08215W	4016N	1768-15320	00000/0000	1-10029/0623	08/30/74	80	708	49.4	132.2		GGGG	
08215W	3605N	1821-15261	00000/0000	1-10031/0337	10/22/74	10	1447	36.5	146.7		PPGP	
08215W	3604N	1839-15253	00000/0000	1-10031/1003	11/09/74	0	1698	31.3	149.7		GPGG	
08215W	3602N	1857-15245	00000/0000	1-10032/0730	11/27/74	10	1949	27.1	150.7		PGGP	
08215W	3600N	1749-15282	00000/0000	1-10027/1355	08/11/74	90	443	55.3	118.4		GGGG	
08215W	3559N	1731-15290	00000/0000	1-10027/0639	07/24/74	90	192	58.1	111.8		PPPG	
08216W	4430N	5003-15272	00000/0000	1-10037/0581	04/22/75	0	3985	48.7	132.2		GGGG	
08216W	4429N	5021-15262	00000/0000	1-10038/0064	05/10/75	0	4236	53.4	127.7		FGFG	
08216W	4021N	1858-15291	00000/0000	1-10032/0738	11/28/74	10	1963	23.5	152.7		P GP	
08216W	4012N	1750-15325	00000/0000	1-10027/1628	08/12/74	50	457	53.6	125.1		PPPP	
08216W	3604N	1947-15210	00000/0000	1-10035/0290	02/25/75	30	3204	33.9	136.6		GGGG	
08217W	4430N	5039-15252	00000/0000	1-10038/0485	05/28/75	10	4487	56.2	123.1		FFFG	
08217W	4023N	1876-15283	00000/0000	1-10033/0055	12/16/74	80	2214	20.9	151.5		FGFG	
08217W	4021N	5074-15185	00000/0000	1-10039/0218	07/02/75	10	4975	57.0	111.4		FFFF	
08217W	3600N	1875-15240	00000/0000	1-10033/0865	12/15/74	100	2200	24.3	149.8		FGFG	
08217W	3558N	1929-15215	00000/0000	1-10034/0121	02/07/75	40	2953	28.8	140.5		FF G	
08218W	4019N	1948-15253	00000/0000	1-10035/0208	02/26/75	50	3218	31.7	139.4		GGGG	
08218W	3559N	1983-15192	00000/0000	1-10036/0502	04/02/75	20	3706	46.3	127.5		GGGG	
08218W	3557N	1893-15232	00000/0000	1-10033/0575	01/02/75	0	2451	23.6	147.4		GGFG	
08218W	2602N	1837-15170	00000/0000	1-10032/0016	11/07/74	30	1670	39.2	143.3		PGGG	
08219W	4017N	1930-15261	00000/0000	1-10034/0618	02/08/75	90	2967	26.2	142.8		GGGG	
08219W	4012N	1894-15274	00000/0000	1-10033/0537	01/03/75	100	2465	20.5	149.2		GGGG	
08219W	2603N	1927-15132	00000/0000	1-10035/0070	02/05/75	30	2925	34.4	134.9		FGGG	

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 COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
08219W	2602N	1981-15105	00000/0000	1-10036/0461	03/31/75	30	3678	49.5	116.6		GGGG					
08220W	4720N	1788-15404	00000/0000	1-10030/0330	09/19/74	90	987	39.1	146.3		GGGG					
08220W	3559N	5037-15163	00000/0000	1-10038/0476	05/26/75	40	4459	58.1	109.0		GGG					
08221W	4017N	5056-15200	00000/0000	1-10039/0112	06/14/75	60	4724	58.0	112.3		FGFG					
08221W	4014N	5002-15225	00000/0000	1-10037/0338	04/21/75	30	3971	50.4	127.1		FGFG					
08222W	4730N	1824-15400	00000/0000	1-10031/0682	10/25/74	100	1489	26.9	154.2		P					
08222W	2555N	5035-15081	00000/0000	1-10038/0353	05/24/75	20	4431	58.1	92.0		FFGG					
08223W	4726N	1806-15401	00000/0000	1-10031/0055	10/07/74	100	1238	32.9	151.0		PGGG					
08223W	3018N	1802-15221	00000/0000	1-10030/0945	10/03/74	20	1182	45.9	135.9		PPPG					
08224W	4729N	1842-15391	00000/0000	1-10032/0033	11/12/74	90	1740	21.5	155.8		PPPP					
08226W	4725N	1860-15383	00000/0000	1-10032/0587	11/30/74	20	1991	17.4	155.8		PGGG					
08226W	4718N	1770-15412	00000/0000	1-10029/0650	09/01/74	80	736	44.8	140.9		PG G					
08226W	3014N	1766-15234	00000/0000	1-10029/0484	08/28/74	30	680	54.0	118.0		GGGG					
08227W	4722N	1878-15375	00000/0000	1-10032/1047	12/18/74	70	2242	15.2	154.3		FFFF					
08227W	3020N	1730-15245	00000/0000	1-10027/0547	07/23/74	80	178	58.8	101.4		GGGG					
08228W	4722N	1734-15424	00000/0000	1-10027/0648	07/27/74	30	234	53.7	131.1		PGGG					
08228W	4717N	1752-15421	00000/0000	1-10027/1770	08/14/74	100	485	49.7	135.4		GGGG					
08229W	4726N	1950-15344	00000/0000	1-10035/0499	02/28/75	80	3246	27.8	143.8		FFGG					
08229W	4724N	1986-15330	00000/0000	1-10036/0682	04/05/75	0	3748	41.4	138.7		GGFG					
08230W	4721N	1932-15353	00000/0000	1-10034/0276	02/10/75	30	2995	21.9	146.3		GGGG					
08231W	4726N	1968-15335	00000/0000	1-10036/0106	03/18/75	40	3497	34.5	141.3		GGGG					
08231W	4716N	1896-15370	00000/0000	1-10033/0729	01/05/75	90	2493	15.2	151.9		GGGG					
08231W	3021N	1946-15170	00000/0000	1-10035/0261	02/24/75	100	3190	36.9	132.8		GGFG					
08231W	3018N	1748-15242	00000/0000	1-10027/1560	08/10/74	30	429	56.7	108.8		GGGG					
08232W	3022N	1820-15221	00000/0000	1-10030/1705	10/21/74	10	1433	40.9	142.3		GGGG					
08232W	3020N	5072-15103	00000/0000	1-10039/0329	06/30/75	40	4947	57.5	93.9		GGGG					
08232W	3019N	1874-15200	00000/0000	1-10033/0335	12/14/74	10	2186	28.7	147.2		GGGG					
08233W	4314N	1805-15354	00000/0000	1-10030/1077	10/06/74	70	1224	36.4	147.7		PPPG					
08233W	3022N	1856-15204	00000/0000	1-10032/0505	11/26/74	10	1935	31.6	147.8		PPPP					
08233W	3020N	1838-15213	00000/0000	1-10031/1097	11/08/74	100	1684	35.9	146.2		PPP					
08233W	3012N	1892-15192	00000/0000	1-10033/0545	01/01/75	0	2437	27.8	144.9		GGGG					M
08234W	4722N	5004-15321	00000/0000	1-10037/0424	04/23/75	100	3999	47.5	135.5		FFFF					
08234W	3016N	1928-15175	00000/0000	1-10034/0172	02/06/75	70	2939	32.1	137.4		G GF					
08234W	3016N	5036-15123	00000/0000	1-10038/0420	05/25/75	10	4445	58.4	99.2		GGGG					
08235W	4722N	5022-15311	00000/0000	1-10037/0423	05/11/75	60	4250	52.3	131.6		P					

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08235W 4306N	1787-15361	00000/0000 1-10030/0317	09/18/74	40	973	42.3	142.2		GGGG	
08235W 3018N	5000-15142	00000/0000 1-10037/0489	04/19/75	50	3943	53.3	114.2		GGGG	
08236W 3437N	1803-15264	00000/0000 1-10031/0027	10/04/74	0	1196	42.9	140.3		GPFG	
08236W 3017N	1982-15152	00000/0000 1-10038/0104	04/01/75	80	3692	48.4	121.4		GGFG	
08237W 3432N	1785-15272	00000/0000 1-10030/0109	09/16/74	50	945	48.0	132.9		GGGG	
08238W 4314N	1841-15345	00000/0000 1-10031/1171	11/11/74	100	1726	25.2	153.7		PGPP	
08238W 3855N	1804-15311	00000/0000 1-10030/1008	10/05/74	10	1210	39.8	144.2		PPGP	
08240W 3849N	1786-15314	00000/0000 1-10030/0202	09/17/74	10	959	45.3	137.8		PGGG	
08240W 3428N	1767-15280	00000/0000 1-10029/0442	08/29/74	40	694	52.3	124.5		GGGG	
08241W 4310N	1859-15340	00000/0000 1-10032/0481	11/29/74	60	1977	21.0	153.9		GGPG	
08241W 4307N	1733-15382	00000/0000 1-10027/0757	07/26/74	50	220	55.7	124.3		PP	
08241W 3440N	5073-15145	00000/0000 1-10039/0353	07/01/75	40	4961	57.6	101.4		GGFG	
08241W 3433N	1731-15292	00000/0000 1-10027/0640	07/24/74	90	192	58.3	109.3		PPPG	
08242W 4313N	1949-15302	00000/0000 1-10035/0237	02/27/75	80	3232	30.2	141.1		GGGF	
08242W 4311N	1985-15283	00000/0000 1-10036/0670	04/04/75	20	3734	43.4	134.7		GGFG	
08242W 4304N	1769-15370	00000/0000 1-10029/0637	08/31/74	70	722	47.6	135.9		PPPG	
08242W 4303N	1751-15374	00000/0000 1-10027/1486	08/13/74	20	471	52.1	129.5		GGGG	
08242W 3856N	5092-15181	00000/0000 1-10040/0267	07/20/75	90	5226	55.2	111.4		FF	
08242W 3440N	1821-15263	00000/0000 1-10031/0338	10/22/74	30	1447	37.6	145.7		PPGP	
08242W 3436N	1857-15251	00000/0000 1-10032/0731	11/27/74	0	1949	28.2	150.0		PGP	
08242W 3435N	1749-15284	00000/0000 1-10027/1356	08/11/74	90	443	55.7	116.2		GGGG	
08242W 2437N	1927-15134	00000/0000 1-10035/0071	02/05/75	10	2925	35.3	134.0		FFGG	
08243W 3858N	1840-15302	00000/0000 1-10031/1138	11/10/74	90	1712	28.8	151.4		PPPP	
08243W 3438N	1839-15255	00000/0000 1-10031/1004	11/09/74	0	1698	32.4	148.9		GGGG	
08243W 3437N	1947-15212	00000/0000 1-10035/0291	02/25/75	0	3204	34.8	135.6		GGGG	
08244W 4311N	5075-15234	00000/0000 1-10039/0390	07/03/75	40	4989	56.3	116.3		FFFG	
08244W 4306N	1877-15332	00000/0000 1-10032/1023	12/17/74	90	2228	18.6	152.6		FFFG	
08244W 4302N	1895-15324	00000/0000 1-10033/0661	01/04/75	60	2479	18.4	150.2		GGFG	
08244W 3857N	1822-15310	00000/0000 1-10031/0441	10/23/74	50	1461	34.1	148.7		PGPG	
08244W 3850N	1768-15323	00000/0000 1-10029/0624	08/30/74	90	708	50.1	130.5		GGGG	
08244W 3435N	1875-15243	00000/0000 1-10033/0866	12/15/74	100	2200	25.4	149.1		FFGF	
08244W 3433N	1929-15221	00000/0000 1-10034/0122	02/07/75	10	2953	29.7	139.7		GF F	
08244W 3432N	1893-15234	00000/0000 1-10033/0576	01/02/75	0	2451	24.7	146.8		FGGG	
08245W 4306N	1931-15311	00000/0000 1-10034/0190	02/09/75	20	2981	24.6	144.1		GGFG	
08245W 3858N	1876-15285	00000/0000 1-10033/0056	12/16/74	80	2214	22.0	150.9		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
08245W	3855N	1858-15294	00000/0000	1-10032/0743	11/28/74	0	1963	24.6	152.0		GGGG				
08245W	3855N	5074-15192	00000/0000	1-10039/0219	07/02/75	10	4975	57.2	108.9		FFGF				
08245W	3846N	1750-15331	00000/0000	1-10027/1629	08/12/74	50	457	54.1	123.0		PPPP				
08245W	3434N	1983-15194	00000/0000	1-10036/0503	04/02/75	90	3706	47.0	125.9		GGGF				
08246W	3433N	5037-15170	00000/0000	1-10038/0477	05/26/75	30	4459	58.3	106.5		FGG				
08247W	3854N	1948-15255	00000/0000	1-10035/0209	02/26/75	10	3218	32.6	138.4		FGGG				
08248W	4305N	5021-15265	00000/0000	1-10038/0065	05/10/75	0	4236	54.0	125.6		GGGG				
08248W	4304N	5003-15274	00000/0000	1-10037/0582	04/22/75	70	3985	49.4	130.5		FFFF				
08248W	3851N	1930-15264	00000/0000	1-10034/0619	02/08/75	30	2967	27.1	142.0		GGFG				
08248W	3847N	1894-15281	00000/0000	1-10033/0638	01/03/75	100	2465	21.6	148.5		GGGG				
08248W	2852N	1802-15224	00000/0000	1-10030/0946	10/03/74	10	1182	46.7	134.5		PPGG				
08249W	4304N	5039-15255	00000/0000	1-10038/0486	05/28/75	10	4487	56.6	120.7		FFGG				
08250W	2849N	1766-15240	00000/0000	1-10029/0485	08/28/74	40	680	54.4	115.9		GGGG				
08251W	3849N	5002-15231	00000/0000	1-10037/0339	04/21/75	30	3971	51.0	125.3		GGGG				
08252W	2853N	1730-15252	00000/0000	1-10027/0548	07/23/74	50	178	58.8	98.9		GGPG				
08255W	4555N	1788-15410	00000/0000	1-10030/0331	09/19/74	90	987	40.1	145.1		GGPG				
08256W	2855N	1946-15172	00000/0000	1-10035/0262	02/24/75	100	3190	37.6	131.7		FGGF				
08256W	2852N	1748-15244	00000/0000	1-10027/1561	08/10/74	30	429	56.9	106.5		GGGG				
08257W	4605N	1824-15402	00000/0000	1-10031/0679	10/25/74	80	1489	28.0	153.4		PPGP				
08257W	2856N	1820-15223	00000/0000	1-10030/1706	10/21/74	0	1433	41.8	141.2		GGGG				
08257W	2855N	1856-15211	00000/0000	1-10032/0506	11/26/74	30	1935	32.7	147.0		PPPP				
08258W	4601N	1806-15403	00000/0000	1-10031/0056	10/07/74	90	1238	34.0	150.0		PGPG				
08258W	2854N	1838-15215	00000/0000	1-10031/1098	11/08/74	90	1684	36.9	145.3		PPP				
08258W	2851N	5036-15130	00000/0000	1-10038/0421	05/25/75	10	4445	58.4	96.7		GGGG				
08258W	2850N	1928-15181	00000/0000	1-10034/0185	02/06/75	50	2939	33.0	136.5		G F				
08258W	2846N	1892-15194	00000/0000	1-10033/0546	01/01/75	20	2437	28.8	144.2		GGFE				
08259W	4604N	1842-15394	00000/0000	1-10032/0034	11/12/74	90	1740	22.6	155.1		GPPP				
08300W	4600N	1860-15390	00000/0000	1-10032/0588	11/30/74	50	1991	18.6	155.2		GGGP				
08300W	2852N	5000-15145	00000/0000	1-10037/0490	04/19/75	20	3943	53.7	112.2		GGGG				
08300W	2851N	1982-15154	00000/0000	1-10038/0105	04/01/75	40	3692	48.9	119.6		FGFG				
08301W	4554N	1770-15415	00000/0000	1-10029/0651	09/01/74	70	736	45.6	139.4		PPPP				
08302W	4557N	1734-15431	00000/0000	1-10027/0649	07/27/74	10	234	54.3	129.0		FGGG				
08302W	4556N	1878-15381	00000/0000	1-10032/1048	12/18/74	30	2242	16.3	153.7		FFFF				
08302W	4552N	1752-15423	00000/0000	1-10027/1771	08/14/74	100	485	50.5	133.6		GGGG				
08302W	3312N	1803-15271	00000/0000	1-10031/0028	10/04/74	0	1196	43.9	139.0		PGGG				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D				
LONG	LAT															
08303W	3305N	1785-15274	00000/0000	1-10030/0110	09/16/74	80	945	48.8	131.3		GGGP					
08304W	4601N	1950-15351	00000/0000	1-10035/0500	02/28/75	100	3246	28.7	142.8		FGGF					
08304W	4559N	1986-15333	00000/0000	1-10036/0683	04/05/75	0	3748	42.2	137.3		FGFF					
08304W	4149N	1805-15360	00000/0000	1-10030/1078	10/06/74	20	1224	37.4	146.6		PGGG					
08305W	4600N	1968-15342	00000/0000	1-10036/0107	03/18/75	70	3497	35.4	140.2		GFGG					
08305W	4555N	1932-15360	00000/0000	1-10034/0277	02/10/75	70	2995	22.9	145.5		GGGG					
08305W	4551N	1896-15373	00000/0000	1-10033/0730	01/05/75	70	2493	16.3	151.3		GGGG					
08306W	3729N	1804-15313	00000/0000	1-10030/1009	10/05/74	0	1210	40.7	143.0		PGGG					
08306W	3303N	1767-15289	00000/0000	1-10029/0443	08/29/74	60	694	52.8	122.5		GGGG					
08307W	4141N	1787-15364	00000/0000	1-10030/0318	09/18/74	40	973	43.2	140.9		GGGG					
08307W	3314N	5073-15152	00000/0000	1-10039/0354	07/01/75	60	4961	57.6	99.0		GGGG					
08307W	3308N	1731-15295	00000/0000	1-10027/0641	07/24/74	100	192	58.5	106.8		PPPG					
08307W	3308N	1749-15291	00000/0000	1-10027/1357	08/11/74	80	443	56.0	113.9		GPFG					
08308W	4557N	5004-15323	00000/0000	1-10037/0425	04/23/75	100	3999	48.3	133.8		FFFF					
08308W	3723N	1786-15321	00000/0000	1-10030/0203	09/17/74	40	959	46.1	136.3		GGGG					
08308W	3314N	1821-15270	00000/0000	1-10031/0339	10/22/74	20	1447	38.6	144.7		PGGP					
08308W	3310N	1857-15254	00000/0000	1-10032/0732	11/27/74	10	1949	29.3	149.3		PFGP					
08309W	4557N	5022-15314	00000/0000	1-10037/0413	05/11/75	30	4250	52.9	129.6		GFFG					
08309W	4152N	5093-15230	00000/0000	1-10040/0295	07/21/75	20	5240	54.4	116.2		GGGF					
08309W	3309N	1875-15245	00000/0000	1-10033/0867	12/15/74	100	2200	26.5	148.5		FFFF					
08310W	4555N	5040-15304	00000/0000	1-10038/0499	05/29/75	70	4501	55.7	125.1		PGFE					
08310W	4149N	1841-15351	00000/0000	1-10031/1172	11/11/74	100	1726	26.3	152.9		PGGP					
08310W	3312N	1839-15262	00000/0000	1-10031/1005	11/09/74	0	1698	33.5	148.1		PGGP					
08310W	3311N	1947-15215	00000/0000	1-10035/0292	02/25/75	0	3204	35.6	134.6		GGGG					
08310W	3307N	1929-15224	00000/0000	1-10034/0123	02/07/75	50	2953	30.6	138.8		GF G					
08310W	3306N	1893-15241	00000/0000	1-10033/0577	01/02/75	0	2451	25.7	146.1		GGGG					
08311W	3733N	1840-15304	00000/0000	1-10031/1139	11/10/74	50	1712	29.9	150.6		PPGP					
08311W	3730N	5092-15184	00000/0000	1-10040/0258	07/20/75	90	5226	55.4	109.1		GFE					
08311W	3308N	1983-15201	00000/0000	1-10036/0504	04/02/75	100	3706	47.6	124.3		GGGF					
08311W	2726N	1802-15230	00000/0000	1-10030/0947	10/03/74	30	1182	47.5	133.1		GGGG					
08312W	4854N	1807-15453	00000/0000	1-10030/1169	10/08/74	100	1252	31.5	152.2		GGGP					
08312W	4844N	1789-15455	00000/0000	1-10030/0380	09/20/74	50	1001	37.8	147.8		PGGG					
08312W	4145N	1859-15343	00000/0000	1-10032/0482	11/29/74	70	1977	22.2	153.3		PGG					
08312W	4142N	1733-15384	00000/0000	1-10027/0758	07/26/74	50	220	56.2	122.0		GP					
08312W	3724N	1768-15325	00000/0000	1-10029/0625	08/30/74	100	708	50.8	128.7		GGGG					

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D			
LONG	LAT														
08312W	3307N	5037-15172	00000/0000	1-10038/0478	05/26/75	40	4459	58.4	103.9		GGF				
08313W	4854N	1843-15443	00000/0000	1-10032/0049	11/13/74	50	1754	20.1	156.6		PPPP				
08313W	4147N	1949-15304	00000/0000	1-10035/0238	02/27/75	70	3232	31.1	140.1		GGGG				
08313W	4139N	1769-15372	00000/0000	1-10029/0638	08/31/74	80	722	48.4	134.3		PPPP				
08313W	4138N	1751-15380	00000/0000	1-10027/1487	08/13/74	30	471	52.8	127.5		GGGG				
08313W	3732N	1822-15313	00000/0000	1-10031/0442	10/23/74	10	1461	35.2	147.8		PPGG				
08313W	3732N	1876-15292	00000/0000	1-10033/0057	12/16/74	60	2214	23.1	150.3		GGFG				
08313W	3730N	1858-15300	00000/0000	1-10032/0744	11/28/74	0	1963	25.7	151.4		GGGG				
08313W	3729N	5074-15194	00000/0000	1-10039/0220	07/02/75	10	4975	57.4	106.4		FFFF				
08313W	3721N	1750-15334	00000/0000	1-10027/1630	08/12/74	50	457	54.6	120.9		PPPP				
08314W	4854N	1825-15451	00000/0000	1-10031/0553	10/26/74	70	1503	25.4	155.2		GGGG				
08314W	4145N	1985-15290	00000/0000	1-10036/0671	04/04/75	0	3734	44.2	133.2		GGGG		M		M
08314W	4145N	5075-15241	00000/0000	1-10039/0391	07/03/75	40	4989	56.6	113.9		GGGG				
08314W	2724N	1766-15243	00000/0000	1-10029/0486	08/28/74	30	680	54.8	113.8		GGGG				
08315W	4137N	1895-15330	00000/0000	1-10033/0662	01/04/75	80	2479	19.5	149.6		GGFG				
08315W	3728N	1948-15262	00000/0000	1-10035/0210	02/26/75	10	3218	33.4	137.4		GGGG				
08316W	4848N	1735-15480	00000/0000	1-10027/0006	07/28/74	90	248	52.8	133.4		PP G				
08316W	4842N	1771-15464	00000/0000	1-10029/0735	09/02/74	90	750	43.6	142.6		GGGG				
08316W	4141N	1931-15313	00000/0000	1-10034/0191	02/09/75	10	2981	25.5	143.3		FGGF				
08316W	3726N	1930-15270	00000/0000	1-10034/0620	02/08/75	0	2967	28.1	141.1		GGGG				
08316W	2727N	1730-15254	00000/0000	1-10027/0549	07/23/74	40	178	58.7	96.3		GGGG				
08317W	4849N	1987-15382	00000/0000	1-10036/0720	04/06/75	10	3762	40.9	140.0		GGFG				
08318W	4845N	1879-15430	00000/0000	1-10033/0182	12/19/74	40	2256	14.0	154.8		FGGG				
08318W	4139N	5021-15271	00000/0000	1-10038/0066	05/10/75	0	4236	54.5	123.5		FGGG				
08319W	4852N	1951-15400	00000/0000	1-10035/0824	03/01/75	30	3260	27.2	144.6		GGGG				
08319W	4139N	5003-15281	00000/0000	1-10037/0583	04/22/75	70	3985	50.1	128.7		GGFG				
08319W	4139N	5039-15261	00000/0000	1-10038/0487	05/28/75	10	4487	57.1	118.3		FFGG			M	
08319W	2727N	5090-15101	00000/0000	1-10039/0503	07/18/75	50	5198	55.6	92.4		PPFP		M		M
08320W	4847N	1933-15405	00000/0000	1-10034/0299	02/11/75	0	3009	21.2	147.0		GGGG				
08320W	2729N	1856-15213	00000/0000	1-10032/0507	11/26/74	80	1935	33.7	146.2		PGPP				
08320W	2728N	5072-15112	00000/0000	1-10039/0330	06/30/75	30	4947	57.0	89.2		FFGG				
08320W	2725N	1748-15251	00000/0000	1-10027/1562	08/10/74	30	429	57.0	104.1		GGGG				
08321W	4840N	1897-15422	00000/0000	1-10033/0643	01/06/75	100	2507	14.2	152.4		GGGG				
08321W	2730N	1820-15230	00000/0000	1-10030/1707	10/21/74	20	1433	42.8	140.0		GGGG				
08321W	2729N	1946-15175	00000/0000	1-10035/0263	02/24/75	100	3190	38.4	130.5		GGGG				

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	B	P	
08321W	2720N	1892-15201	00000/0000	1-10033/0547	01/01/75	30	2437	29.8	143.5		FFFF					
08322W	2728N	1838-15222	00000/0000	1-10031/1099	11/08/74	60	1684	38.0	144.4		GPPP					
08322W	2726N	5036-15192	00000/0000	1-10038/0422	05/25/75	20	4445	58.3	94.2		FFGF					
08323W	2726N	5000-15151	00000/0000	1-10037/0491	04/19/75	10	3943	53.9	110.1		GFGG					
08324W	4846N	5005-15372	00000/0000	1-10037/0396	04/24/75	100	4013	47.0	137.0		FFFF					
08324W	2725N	1982-15161	00000/0000	1-10038/0106	04/01/75	30	3692	49.3	117.9		FGTF					
08325W	4846N	5023-15363	00000/0000	1-10037/0760	05/12/75	0	4264	51.8	133.4		GGTG					
08327W	3146N	1803-15273	00000/0000	1-10031/0029	10/04/74	0	1196	44.8	137.7		GGPG					
08327W	3140N	1785-15281	00000/0000	1-10030/0111	09/16/74	20	945	49.5	129.7		PGGG					
08329W	4430N	1788-15413	00000/0000	1-10030/0332	09/19/74	30	987	41.0	143.8		G					
08331W	4440N	1824-15405	00000/0000	1-10031/0683	10/25/74	60	1489	29.1	152.6		PP					
08331W	4436N	1806-15410	00000/0000	1-10031/0057	10/07/74	90	1238	35.0	149.0		PGGG					
08331W	3142N	1749-15293	00000/0000	1-10027/1358	08/11/74	70	443	56.3	111.6		PPGG					
08331W	3138N	1767-15285	00000/0000	1-10029/0444	08/29/74	70	694	53.4	120.5		GGGG					
08332W	3149N	5073-15154	00000/0000	1-10039/0355	07/01/75	50	4961	57.5	96.5		GGGF					
08332W	3143N	1731-15301	00000/0000	1-10027/0642	07/24/74	100	192	58.6	104.2		PPPG					
08333W	4439N	1842-15400	00000/0000	1-10032/0035	11/12/74	90	1740	23.8	154.4		PPPG					
08333W	3604N	1804-15320	00000/0000	1-10030/1010	10/05/74	0	1210	41.7	141.8		PPGG					
08333W	3144N	1857-15260	00000/0000	1-10032/0733	11/27/74	20	1949	30.4	148.5		GGGP					
08334W	4435N	1860-15392	00000/0000	1-10032/0589	11/30/74	80	1991	19.7	154.5		GGGP					
08334W	4024N	1805-15363	00000/0000	1-10030/1079	10/06/74	10	1224	38.4	145.6		PPGG					
08334W	3148N	1821-15272	00000/0000	1-10031/0340	10/22/74	10	1447	39.6	143.6		PPPP					
08334W	3143N	1875-15252	00000/0000	1-10033/0868	12/15/74	100	2200	27.6	147.8		FFFF					
08335W	4429N	1770-15421	00000/0000	1-10029/0652	09/01/74	70	736	46.5	137.8		PPPP					
08335W	4427N	1752-15430	00000/0000	1-10027/1772	08/14/74	100	485	51.2	131.7		GGGG					
08335W	3557N	1786-15323	00000/0000	1-10030/0204	09/17/74	30	959	46.9	134.9		GGGG					
08335W	3146N	1839-15264	00000/0000	1-10031/1006	11/09/74	0	1698	34.6	147.2		GGGG					
08335W	3146N	1947-15221	00000/0000	1-10035/0293	02/25/75	0	3204	36.4	133.5		GGGG					
08335W	3140N	1893-15243	00000/0000	1-10033/0578	01/02/75	0	2451	26.8	145.5		GGGG					
08335W	2559N	1802-15293	00000/0000	1-10030/0948	10/03/74	60	1182	48.3	131.6		PGGG					
08336W	4432N	1734-15433	00000/0000	1-10027/0650	07/27/74	10	234	54.9	126.8		FGPG					
08336W	4431N	1878-15384	00000/0000	1-10032/1049	12/18/74	80	2242	17.5	153.1		FFFG					
08336W	3142N	5037-15175	00000/0000	1-10038/0479	05/26/75	40	4459	58.5	101.4		GGG					
08336W	3141N	1929-15230	00000/0000	1-10034/0124	02/07/75	60	2953	31.5	138.0		G F					
08337W	4433N	1986-15395	00000/0000	1-10036/0684	04/05/75	20	3748	43.0	135.9		GGTG					

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0417

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08337W 4016N	1787-15370	00000/0000 1-10030/0319	09/18/74	70	973	44.1	139.6		GGGG	
08337W 3142N	1983-15203	00000/0000 1-10036/0505	04/02/75	100	3706	48.1	122.7		GGGG	
08338W 4435N	1950-15353	00000/0000 1-10035/0501	02/28/75	100	3246	29.6	141.9		GFFG	
08338W 4430N	1932-15362	00000/0000 1-10034/0278	02/10/75	100	2995	23.9	144.7		GGGF	
08338W 4426N	1896-15375	00000/0000 1-10033/0731	01/05/75	90	2493	17.4	150.7		FGGF	
08338W 2558N	1766-15245	00000/0000 1-10029/0487	08/28/74	60	680	55.1	111.6		GGGG	
08339W 4435N	1968-15344	00000/0000 1-10036/0119	03/18/75	90	3497	36.3	139.0		G	
08339W 3607N	1840-15311	00000/0000 1-10031/1140	11/10/74	10	1712	31.0	149.8		GGPG	
08339W 3604N	5092-15190	00000/0000 1-10040/0259	07/20/75	80	5226	55.6	106.8		F G	
08340W 4027N	5093-15233	00000/0000 1-10040/0296	07/21/75	20	5240	54.7	114.0		GGGF	
08340W 4026N	1823-15362	00000/0000 1-10031/0494	10/24/74	70	1475	32.7	149.9		GPFG	
08340W 4024N	1841-15354	00000/0000 1-10031/1173	11/11/74	100	1726	27.4	152.2		PGGP	
08340W 3606N	1822-15315	00000/0000 1-10031/0443	10/23/74	0	1461	36.2	146.9		PPGG	
08340W 3604N	1858-15303	00000/0000 1-10032/0745	11/28/74	0	1963	26.8	150.7		GGGP	
08340W 3558N	1768-15332	00000/0000 1-10029/0626	08/30/74	90	708	51.4	126.9		GGGG	
08340W 3556N	1750-15340	00000/0000 1-10027/1631	08/12/74	90	457	55.1	118.7		PPPP	
08340W 2601N	1730-15261	00000/0000 1-10027/0550	07/23/74	50	178	58.6	93.8		PPPG	
08341W 4432N	5004-15330	00000/0000 1-10037/0426	04/23/75	100	3999	49.0	132.0		FFFF	
08341W 3606N	1876-15294	00000/0000 1-10033/0058	12/16/74	30	2214	24.2	149.7		FGGG	
08341W 3604N	5074-15201	00000/0000 1-10039/0221	07/02/75	60	4975	57.5	104.0		FFFG	
08342W 4432N	5022-15320	00000/0000 1-10037/0414	05/11/75	30	4250	53.6	127.5		GGFG	
08342W 4019N	1859-15345	00000/0000 1-10032/0433	11/29/74	70	1977	23.3	152.6		PPGG	
08342W 4016N	1733-15391	00000/0000 1-10027/0759	07/26/74	30	220	56.7	119.7		PP	
08342W 4013N	1769-15375	00000/0000 1-10029/0639	08/31/74	80	722	49.1	132.6		PP P	
08343W 4430N	5040-15310	00000/0000 1-10038/0500	05/29/75	60	4501	56.3	122.8		FFFF	
08343W 4011N	1751-15383	00000/0000 1-10027/1488	08/13/74	30	471	53.4	125.5		GGGG	
08343W 3602N	1948-15264	00000/0000 1-10035/0211	02/26/75	0	3218	34.3	136.4		GGGG	
08343W 3600N	1930-15273	00000/0000 1-10034/0621	02/08/75	0	2967	29.0	140.3		GGGG	
08343W 3556N	1894-15290	00000/0000 1-10033/0639	01/03/75	100	2465	23.7	147.3		GGGG	
08343W 2602N	5072-15114	00000/0000 1-10039/0331	06/30/75	40	4947	56.7	86.8		FFGF	
08343W 2559N	1748-15253	00000/0000 1-10027/1563	08/10/74	20	429	57.1	101.7		GGGG	
08344W 4021N	1949-15311	00000/0000 1-10035/0239	02/27/75	60	3232	32.0	139.2		GGGG	
08344W 4020N	1985-15292	00000/0000 1-10036/0672	04/04/75	10	3734	44.9	131.7		GGGF	
08344W 4019N	5075-15243	00000/0000 1-10039/0392	07/03/75	10	4989	56.9	111.4		GGGG	
08344W 4015N	1877-15341	00000/0000 1-10032/1024	12/17/74	80	2228	20.9	151.4		FFFF	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
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OF POOR QUALITY

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08344W 2603N	1856-15220	00000/0000 1-10032/0508	11/26/74	80	1935	34.8	145.4		GPGP	
08344W 2554N	1892-15203	00000/0000 1-10033/0548	01/01/75	10	2437	30.8	142.7		FFFP	
08345W 4016N	1931-15320	00000/0000 1-10034/0192	02/09/75	20	2981	26.5	142.5		FFFG	
08345W 4012N	1895-15333	00000/0000 1-10033/0663	01/04/75	100	2479	20.6	149.0		GGGG	
08345W 2604N	1820-15232	00000/0000 1-10030/1708	10/21/74	40	1433	43.7	138.8		PGGG	
08345W 2601N	1838-15224	00000/0000 1-10031/1100	11/08/74	50	1684	39.0	143.4		PPPP	
08345W 2600N	5036-15135	00000/0000 1-10038/0423	05/25/75	30	4445	58.1	91.8		FGGG	
08347W 2559N	5000-15154	00000/0000 1-10037/0492	04/19/75	10	3943	54.2	108.0		GGGG	
08348W 4014N	5021-15274	00000/0000 1-10038/0067	05/10/75	0	4236	55.0	121.3		GGGG	
08348W 3557N	5002-15240	00000/0000 1-10037/0340	04/21/75	0	3971	52.1	121.4		GGFG	
08349W 4728N	1807-15455	00000/0000 1-10030/1170	10/08/74	100	1252	32.6	151.2		GGGG	
08349W 4718N	1789-15462	00000/0000 1-10030/0381	09/20/74	60	1001	38.8	146.6		PGGG	
08349W 4013N	5003-15283	00000/0000 1-10037/0584	04/22/75	40	3985	50.7	126.8		GGFG	
08349W 4013N	5039-15264	00000/0000 1-10038/0488	05/28/75	20	4487	57.5	115.9		GFFF	
08350W 4728N	1843-15450	00000/0000 1-10032/0050	11/13/74	70	1754	21.2	155.9		PPPP	
08351W 4729N	1825-15454	00000/0000 1-10031/0554	10/26/74	40	1503	26.5	154.4		GGGG	
08351W 3020N	1803-15280	00000/0000 1-10031/0030	10/04/74	0	1196	45.6	136.4		PPGP	
08352W 4717N	1771-15471	00000/0000 1-10029/0736	09/02/74	80	750	44.5	141.2		GGGG	
08352W 3013N	1785-15283	00000/0000 1-10030/0112	09/16/74	30	945	50.2	128.0		GGGG	
08353W 4724N	1735-15483	00000/0000 1-10027/0007	07/28/74	70	248	53.5	131.3		PP G	
08354W 4728N	5077-15335	00000/0000 1-10039/0402	07/05/75	20	5017	54.8	123.5		GGGG	M
08354W 4724N	1987-15384	00000/0000 1-10036/0721	04/06/75	0	3762	41.7	138.6		GGGG	
08355W 4720N	1879-15433	00000/0000 1-10033/0183	12/19/74	100	2256	15.1	154.2		FGFE	
08355W 3012N	1767-15292	00000/0000 1-10029/0445	08/29/74	80	694	53.8	118.5		GGPG	
08356W 4727N	1951-15402	00000/0000 1-10035/0825	03/01/75	60	3260	28.1	143.7		GGGG	
08356W 4722N	1933-15411	00000/0000 1-10034/0300	02/11/75	0	3009	22.2	146.2		GGGG	
08356W 4717N	1753-15475	00000/0000 1-10027/1869	08/15/74	30	499	49.5	135.7		GGGG	
08356W 3016N	1749-15300	00000/0000 1-10027/1359	08/11/74	20	443	56.6	109.3		GGG	
08357W 4715N	1897-15425	00000/0000 1-10033/0644	01/06/75	80	2507	15.3	151.8		GGGG	
08357W 3022N	5073-15161	00000/0000 1-10039/0356	07/01/75	50	4961	57.4	94.1		GGGG	
08357W 3016N	1731-15304	00000/0000 1-10027/0643	07/24/74	70	192	58.7	101.7		PPG	
08358W 3018N	1857-15263	00000/0000 1-10032/0734	11/27/74	50	1949	31.4	147.8		PGPP	
08358W 3017N	1875-15254	00000/0000 1-10033/0869	12/15/74	100	2200	28.6	147.1		FFFF	
08359W 3438N	1804-15322	00000/0000 1-10030/1011	10/05/74	0	1210	42.6	140.6		PPGG	M M
08359W 3022N	1821-15275	00000/0000 1-10031/0341	10/22/74	20	1447	40.6	142.6		PPPP	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08359W 3015N	1893-15250	00000/0000 1-10033/0579	01/02/75	0	2451	27.8	144.8		GGFG	
08400W 4721N	5005-15375	00000/0000 1-10037/0397	04/24/75	90	4013	47.8	135.3		FFFG	
08400W 3020N	1839-15271	00000/0000 1-10031/1007	11/09/74	0	1698	35.6	146.4		PGPG	
08400W 3019N	1947-15224	00000/0000 1-10035/0294	02/25/75	0	3204	37.2	132.5		GGGG	
08401W 4720N	5023-15365	00000/0000 1-10037/0761	05/12/75	0	4264	52.5	131.4		GGGG	
08401W 4305N	1788-15415	00000/0000 1-10030/0333	09/19/74	10	987	42.0	142.5		GPGP	
08401W 3433N	1786-15330	00000/0000 1-10030/0205	09/17/74	30	959	47.7	133.3		GGGG	M M
08401W 3016N	1989-15210	00000/0000 1-10036/0506	04/02/75	90	3706	48.7	121.0		GFGG	
08401W 3016N	5037-15181	00000/0000 1-10038/0480	05/26/75	10	4459	58.5	98.9		GF F	
08401W 3015N	1929-15233	00000/0000 1-10034/0125	02/07/75	40	2953	32.4	137.1		GF G	
08401W 2431N	1766-15252	00000/0000 1-10029/0488	08/28/74	60	680	55.4	109.5		GGGP	
08403W 4314N	1824-15411	00000/0000 1-10031/0684	10/25/74	40	1489	30.2	151.7		PP	
08403W 2435N	1730-15263	00000/0000 1-10027/0551	07/23/74	20	178	58.4	91.3		PPPP	
08404W 4311N	1806-15412	00000/0000 1-10031/0058	10/07/74	80	1238	36.1	147.9		GGGG	
08404W 3858N	1805-15365	00000/0000 1-10030/1080	10/06/74	0	1224	39.4	144.5		PGPG	
08405W 4314N	1842-15403	00000/0000 1-10032/0036	11/12/74	90	1740	24.9	153.7		PPPP	
08406W 4310N	1860-15395	00000/0000 1-10032/0590	11/30/74	90	1991	20.9	153.9		GPGG	
08406W 3851N	1787-15373	00000/0000 1-10030/0320	09/18/74	30	973	45.0	138.2		GGGG	
08406W 3442N	1840-15313	00000/0000 1-10031/1141	11/10/74	30	1712	32.1	149.0		GGGG	
08406W 3438N	5092-15193	00000/0000 1-10040/0260	07/20/75	60	5226	55.7	104.5		GF G	
08406W 3431N	1768-15334	00000/0000 1-10029/0627	08/30/74	80	708	52.0	125.0		GGGG	
08406W 3430N	1750-15343	00000/0000 1-10027/1632	08/12/74	90	457	55.5	116.5		PPPP	
08406W 2437N	1856-15222	00000/0000 1-10032/0509	11/26/74	60	1935	35.8	144.6		GPFP	
08407W 4304N	1770-15424	00000/0000 1-10029/0653	09/01/74	50	736	47.3	136.2		PP P	
08407W 4302N	1752-15432	00000/0000 1-10027/1773	08/14/74	70	485	51.9	129.8		GGGG	
08407W 3441N	1876-15301	00000/0000 1-10033/0059	12/16/74	20	2214	25.3	149.0		GGGG	
08407W 3440N	1822-15322	00000/0000 1-10031/0444	10/23/74	0	1461	37.3	145.9		PGGG	
08407W 3438N	1858-15305	00000/0000 1-10032/0746	11/28/74	0	1963	28.0	150.0		PGGG	M M
08407W 2428N	1892-15210	00000/0000 1-10033/0549	01/01/75	40	2437	31.8	142.0		PPPP	
08408W 4307N	1734-15440	00000/0000 1-10027/0651	07/27/74	20	234	55.5	124.6		PPGG	
08408W 4306N	1878-15390	00000/0000 1-10032/1050	12/18/74	70	2242	18.6	152.5		PGFG	
08408W 3901N	5093-15235	00000/0000 1-10040/0297	07/21/75	50	5240	55.0	111.7		FGFF	
08408W 3439N	5074-15203	00000/0000 1-10039/0222	07/02/75	80	4975	57.5	101.5		FGGG	
08409W 3859N	1823-15364	00000/0000 1-10031/0495	10/24/74	90	1475	33.8	149.0		GPGG	
08409W 3858N	1841-15360	00000/0000 1-10031/1174	11/11/74	100	1726	28.6	151.5		PGGP	

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 STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08409W 3436N	1948-15271	00000/0000	1-10035/0212	02/26/75	0	3218	35.1	135.4		GGGF	
08409W 3434N	1930-15275	00000/0000	1-10034/0622	02/08/75	0	2967	29.9	139.5		GGFG	
08409W 3430N	1894-15292	00000/0000	1-10033/0640	01/03/75	100	2465	24.7	146.6		GGGG	
08410W 4310N	1950-15360	00000/0000	1-10035/0502	02/28/75	90	3246	30.6	140.9		FGGG	
08410W 4309N	1968-15351	00000/0000	1-10036/0108	03/18/75	70	3497	37.2	137.8		FGGG	
08410W 4308N	1986-15342	00000/0000	1-10036/0685	04/05/75	10	3748	43.8	134.4		GGFG	
08410W 4305N	1932-15365	00000/0000	1-10034/0279	02/10/75	70	2995	24.9	143.9		GGGG	
08410W 4302N	1896-15382	00000/0000	1-10033/0732	01/05/75	100	2493	18.5	150.1		FGGG	
08411W 4309N	5058-15303	00000/0000	1-10039/0113	06/16/75	60	4752	57.3	117.1		G G	
08411W 3854N	1859-15352	00000/0000	1-10032/0484	11/29/74	60	1977	24.4	152.0		GPFG	
08411W 3851N	1733-15393	00000/0000	1-10027/0760	07/26/74	40	220	57.1	117.3		PP	
08411W 3848N	1769-15381	00000/0000	1-10029/0640	08/31/74	90	722	49.9	130.9		PP P	
08412W 3854N	5075-15250	00000/0000	1-10039/0393	07/03/75	10	4989	57.1	108.9		GGGG	
08412W 3850N	1877-15344	00000/0000	1-10032/1025	12/17/74	90	2228	22.0	150.8		FGGG	
08412W 3845N	1751-15385	00000/0000	1-10027/1489	08/13/74	60	471	53.9	123.4		GGGG	
08413W 4306N	5004-15332	00000/0000	1-10037/0427	04/23/75	100	3999	49.7	130.2		FFFF	
08413W 3855N	1949-15313	00000/0000	1-10035/0240	02/27/75	20	3232	32.9	138.2		GGGG	
08413W 3854N	1985-15295	00000/0000	1-10036/0673	04/04/75	30	3734	45.6	130.2		GGGG	
08413W 3847N	1895-15375	00000/0000	1-10033/0664	01/04/75	70	2479	21.6	148.4		GGGG	
08414W 4307N	5022-15323	00000/0000	1-10037/0415	05/11/75	20	4250	54.2	125.4		GGFG	
08414W 3850N	1931-15322	00000/0000	1-10034/0193	02/09/75	50	2981	27.4	141.7		FFFF	
08414W 3431N	5002-15249	00000/0000	1-10037/0341	04/21/75	0	3971	52.6	119.4		GGGG	
08414W 2854N	1803-15282	00000/0000	1-10031/0031	10/04/74	20	1196	46.5	135.0		PGG	
08415W 4304N	5040-15313	00000/0000	1-10038/0501	05/29/75	40	4501	56.7	120.4		FGFG	
08416W 2847N	1785-15290	00000/0000	1-10030/0113	09/16/74	20	945	50.8	126.3		PGGP	
08417W 3849N	5021-15280	00000/0000	1-10038/0068	05/10/75	20	4236	55.5	119.1		GGGG	
08417W 3848N	5039-15270	00000/0000	1-10038/0489	05/28/75	20	4487	57.8	113.4		FFFF	
08419W 2847N	1767-15294	00000/0000	1-10029/0446	08/29/74	70	694	54.3	116.5		GGPG	
08421W 2855N	5073-15163	00000/0000	1-10039/0357	07/01/75	40	4961	57.2	91.7		GGGF	
08421W 2849N	1749-15302	00000/0000	1-10027/1360	08/11/74	20	443	56.8	107.0		PGG	
08422W 2852N	1857-15265	00000/0000	1-10032/0735	11/27/74	30	1949	32.5	147.0		PPGG	
08422W 2851N	1731-15310	00000/0000	1-10027/0646	07/24/74	30	192	58.7	99.1		PG	
08422W 2851N	1875-15261	00000/0000	1-10033/0870	12/15/74	100	2200	29.7	146.4		GGFG	
08423W 2857N	1821-15281	00000/0000	1-10031/0342	10/22/74	20	1447	41.6	141.5		PPP	
08423W 2849N	1893-15252	00000/0000	1-10033/0580	01/02/75	0	2451	28.8	144.1		FGFG	

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08424W	4603N	1807-15462	00000/0000	1-10030/1171	10/08/74	100	1252	33.6	150.2	GGGG	
08424W	4553N	1789-15464	00000/0000	1-10030/0382	09/20/74	80	1001	39.8	145.3	PGGP	
08424W	2854N	1839-15273	00000/0000	1-10031/1008	11/09/74	30	1698	36.7	145.5	GGPP	
08424W	2853N	1947-15270	00000/0000	1-10035/0295	02/25/75	10	3204	38.0	131.3	GGGF	
08425W	3312N	1804-15325	00000/0000	1-10030/1012	10/05/74	0	1210	43.6	139.4	PGGG	M
08425W	2851N	5037-15184	00000/0000	1-10038/0481	05/26/75	10	4459	58.4	96.3	FFFG	
08426W	4604N	1825-15460	00000/0000	1-10031/0555	10/26/74	90	1503	27.7	153.5	PGGG	
08426W	4603N	1843-15452	00000/0000	1-10032/0051	11/13/74	80	1754	22.4	155.2	GPGP	
08426W	4553N	1771-15473	00000/0000	1-10029/0737	09/02/74	70	750	45.3	139.7	GGGG	
08426W	2850N	1983-15212	00000/0000	1-10036/0507	04/02/75	70	3706	49.2	119.3	FFGF	
08426W	2848N	1929-15235	00000/0000	1-10034/0111	02/07/75	90	2953	33.2	136.2	GFE	
08427W	4558N	1735-15485	00000/0000	1-10027/0008	07/28/74	30	248	54.1	129.2	PPPG	
08427W	3307N	1786-15332	00000/0000	1-10030/0206	09/17/74	40	959	48.5	131.8	GGGG	
08429W	4603N	5077-15342	00000/0000	1-10039/0403	07/05/75	20	5017	55.3	121.1	GGGG	
08430W	4558N	1987-15391	00000/0000	1-10036/0722	04/06/75	0	3762	42.6	137.1	FGGG	
08430W	4557N	1933-15414	00000/0000	1-10034/0301	02/11/75	20	3009	23.2	145.4	GGGG	
08430W	4555N	1879-15435	00000/0000	1-10033/0184	12/19/74	90	2256	16.3	153.6	GGGG	
08431W	4602N	1951-15405	00000/0000	1-10035/0826	03/01/75	60	3260	29.1	142.7	GGGG	
08431W	4552N	1753-15481	00000/0000	1-10027/1870	08/15/74	20	499	50.2	133.9	GGPP	
08431W	3306N	1768-15341	00000/0000	1-10029/0628	08/30/74	70	708	52.6	123.1	GGGG	
08431W	3305N	1750-15345	00000/0000	1-10027/1633	08/12/74	50	457	55.9	114.3	PPPP	
08432W	4140N	1788-15422	00000/0000	1-10030/0334	09/19/74	10	987	42.9	141.2	PGGG	
08432W	3733N	1805-15372	00000/0000	1-10030/1081	10/06/74	0	1224	40.4	143.3	PPGG	
08432W	3315N	1840-15320	00000/0000	1-10031/1142	11/10/74	0	1712	33.2	148.2	GGGG	
08432W	3312N	5092-15195	00000/0000	1-10040/0261	07/20/75	50	5226	55.7	102.1	GFG	
08433W	3315N	1876-15303	00000/0000	1-10033/0060	12/16/74	30	2214	26.4	148.4	GGGG	
08433W	3314N	1822-15324	00000/0000	1-10031/0445	10/23/74	0	1461	38.3	144.9	PGGG	
08433W	3312N	1858-15312	00000/0000	1-10032/0747	11/28/74	0	1963	29.0	149.3	PGGG	M
08434W	4556N	5005-15381	00000/0000	1-10037/0398	04/24/75	90	4013	48.6	133.6	GGFF	
08435W	4856N	1808-15511	00000/0000	1-10031/0114	10/09/74	90	1266	31.1	152.4	GGPG	
08435W	4149N	1824-15414	00000/0000	1-10031/0685	10/25/74	50	1489	31.3	150.9	P	
08435W	4145N	1806-15415	00000/0000	1-10031/0059	10/07/74	80	1238	37.1	146.9	PGPG	
08435W	3725N	1787-15375	00000/0000	1-10030/0321	09/18/74	10	973	45.8	136.8	GGGG	
08435W	3309N	1930-15282	00000/0000	1-10034/0623	02/08/75	0	2967	30.8	138.6	GGGF	
08435W	3304N	1894-15295	00000/0000	1-10033/0641	01/03/75	60	2465	25.8	146.0	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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ERTS-1
COORDINATE LISTING WITH REDUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0422

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
08436W	4556N	5023-15372	00000/0000	1-10037/0762	05/12/75	10	4264	53.2	129.3		FGFG				
08436W	4148N	1842-15405	00000/0000	1-10032/0037	11/12/74	80	1740	26.1	153.0		PPPG				
08436W	3310N	1948-15273	00000/0000	1-10035/0213	02/26/75	0	3218	35.9	134.3		FGGG				
08437W	4138N	1770-15430	00000/0000	1-10029/0654	09/01/74	60	736	48.1	134.6		PPPP				
08437W	3735N	5093-15242	00000/0000	1-10040/0298	07/21/75	60	5240	55.2	109.4		FFFF				
08437W	2727N	1803-15285	00000/0000	1-10031/0032	10/04/74	80	1196	47.3	133.6		GGPP				
08438W	4145N	1860-15401	00000/0000	1-10032/0591	11/30/74	90	1991	22.0	153.3		PGGP				
08438W	4137N	1752-15435	00000/0000	1-10027/1774	08/14/74	80	485	52.5	127.9		GGGG				
08438W	3734N	1823-15371	00000/0000	1-10031/0496	10/24/74	90	1475	34.8	148.1		GGGP				
08438W	3732N	1841-15363	00000/0000	1-10031/1175	11/11/74	100	1726	29.7	150.7		PGGP				
08438W	3723N	1769-15384	00000/0000	1-10029/0641	08/31/74	70	722	50.5	129.1		PP P				
08439W	4854N	1826-15510	00000/0000	1-10031/0580	10/27/74	10	1517	25.1	155.3		GGGG				
08439W	4845N	1790-15514	00000/0000	1-10030/0395	09/21/74	90	1015	37.4	148.0		GGGG				
08439W	4141N	1734-15442	00000/0000	1-10027/0652	07/27/74	30	234	56.0	122.3		PGGG				
08439W	3728N	1859-15354	00000/0000	1-10032/0485	11/29/74	50	1977	25.5	151.3		PPGP				
08439W	3724N	1733-15400	00000/0000	1-10027/0767	07/26/74	80	220	57.5	114.9		P				
08439W	3720N	1751-15392	00000/0000	1-10027/1490	08/13/74	60	471	54.4	121.3		GGPG				
08439W	2722N	1785-15292	00000/0000	1-10030/0114	09/16/74	10	945	51.5	124.5		PGGG				
08440W	4141N	1878-15393	00000/0000	1-10032/1051	12/18/74	70	2242	19.7	151.9		FFGF				
08440W	3728N	5075-15252	00000/0000	1-10039/0394	07/03/75	10	4989	57.3	106.5		GGGG				
08440W	3724N	1877-15350	00000/0000	1-10032/1026	12/17/74	90	2228	23.1	150.2		FGGG				
08440W	3305N	5002-15245	00000/0000	1-10037/0342	04/21/75	20	3971	53.1	117.4		GGFG				
08441W	4849N	1862-15493	00000/0000	1-10032/0674	12/02/74	0	2019	15.9	156.3		PGGG				
08441W	4145N	1950-15362	00000/0000	1-10035/0503	02/28/75	90	3246	31.5	139.9		GGGG				
08441W	4144N	1968-15353	00000/0000	1-10036/0109	03/18/75	70	3497	38.0	136.6		GGGG				
08441W	4142N	1986-15344	00000/0000	1-10036/0686	04/05/75	0	3748	44.6	132.9		GGFG				
08441W	4140N	1932-15371	00000/0000	1-10034/0280	02/10/75	70	2995	25.8	143.1		GGGG				
08441W	4136N	1896-15384	00000/0000	1-10033/0733	01/05/75	60	2493	19.6	149.5		GGGG				
08441W	3729N	1949-15320	00000/0000	1-10035/0241	02/27/75	10	3232	33.7	137.2		FGGG				
08442W	4853N	1844-15501	00000/0000	1-10032/0061	11/14/74	80	1768	19.8	156.6		GGGP				
08442W	4843N	1772-15522	00000/0000	1-10029/0803	09/03/74	60	764	43.3	142.9		GGGG				
08442W	3728N	1985-15301	00000/0000	1-10036/0674	04/04/75	10	3734	46.3	128.6		FGGG				
08442W	3724N	1931-15325	00000/0000	1-10034/0194	02/09/75	80	2981	28.4	140.9		GFF				
08442W	3721N	1895-15342	00000/0000	1-10033/0665	01/04/75	20	2479	22.7	147.8		GGFG				
08442W	2720N	1767-15301	00000/0000	1-10029/0447	08/29/74	50	694	54.6	114.4		GGGG				

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PAGE 0423

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT		RBV	MSS								B	P	P	B
08443W	4846N	1736-15534	00000/0000	1-10027/0021	07/29/74	90	262	52.6	133.5		PGPG				
08444W	4854N	1970-15445	00000/0000	1-10036/0053	03/20/75	0	3525	34.4	142.3		GGGG				
08444W	4852N	1952-15454	00000/0000	1-10035/0541	03/02/75	90	3274	27.6	144.5		GGGF				
08444W	4844N	1880-15485	00000/0000	1-10033/0151	12/20/74	20	2270	14.0	154.7		GGGG				
08444W	4141N	5004-15335	00000/0000	1-10037/0428	04/23/75	100	3999	50.4	128.4		FFFF				
08444W	4141N	5022-15325	00000/0000	1-10037/0416	05/11/75	30	4250	54.7	123.2		GFFG				
08445W	4842N	1754-15530	00000/0000	1-10027/1821	08/16/74	30	513	48.4	137.8		PGGG				
08445W	4840N	1898-15480	00000/0000	1-10033/0744	01/07/75	30	2521	14.3	152.2		GGGG				
08445W	3723N	5039-15273	00000/0000	1-10038/0490	05/28/75	30	4487	58.1	110.9		FFFF				M
08445W	3722N	5003-15292	00000/0000	1-10037/0585	04/22/75	10	3985	51.9	123.0		GGGG				
08445W	2724N	1731-15313	00000/0000	1-10027/0644	07/24/74	20	192	58.6	96.6		GPPG				
08445W	2723N	1749-15305	00000/0000	1-10027/1361	08/11/74	20	443	56.9	104.6		GGG				
08446W	4848N	1988-15440	00000/0000	1-10036/0734	04/07/75	0	3776	41.2	139.8		GGGG				
08446W	4138N	5040-15315	00000/0000	1-10038/0502	05/29/75	20	4501	57.2	118.0		FGGG				
08446W	2725N	1875-15263	00000/0000	1-10033/0871	12/15/74	90	2200	30.7	145.7		FFFG				
08447W	2731N	1821-15284	00000/0000	1-10031/0343	10/22/74	70	1447	42.5	140.3		PPP				
08447W	2722N	1893-15255	00000/0000	1-10033/0581	01/02/75	40	2451	29.8	143.3		FGGG				
08448W	2728N	1839-15280	00000/0000	1-10031/1009	11/09/74	90	1698	37.7	144.6		GGGG				
08448W	2727N	1947-15233	00000/0000	1-10035/0296	02/25/75	40	3204	38.7	130.2		GGGG				
08449W	2725N	5037-15190	00000/0000	1-10038/0482	05/26/75	30	4459	58.3	93.9		FGGG				
08449W	2723N	1983-15215	00000/0000	1-10036/0508	04/02/75	20	3706	49.6	117.5		GGGG				
08449W	2722N	1929-15242	00000/0000	1-10034/0126	02/07/75	70	2953	34.1	135.3		GG G				
08450W	3147N	1804-15331	00000/0000	1-10030/1013	10/05/74	10	1210	44.5	138.1		PPP				
08452W	4843N	5042-15411	00000/0000	1-10038/0505	05/31/75	90	4529	54.8	129.2		GGFF				
08452W	3140N	1786-15335	00000/0000	1-10030/0207	09/17/74	10	959	49.2	130.2		GGGG				
08454W	4844N	5024-15421	00000/0000	1-10037/0799	05/13/75	40	4278	52.0	133.1		FGGG				
08455W	3141N	1768-15343	00000/0000	1-10029/0629	08/30/74	90	708	53.1	121.1		GGGG				
08456W	3139N	1750-15352	00000/0000	1-10027/1634	08/12/74	30	457	56.2	112.0		PPPP				
08457W	4438N	1807-15464	00000/0000	1-10030/1172	10/08/74	90	1252	34.7	149.2		GGGP				
08457W	3146N	5092-15202	00000/0000	1-10040/0262	07/20/75	40	5226	55.8	99.8		GFG				
08458W	4427N	1789-15471	00000/0000	1-10030/0383	09/20/74	40	1001	40.7	144.1		GGGG				
08458W	3149N	1840-15322	00000/0000	1-10031/1143	11/10/74	0	1712	34.3	147.4		GGGG				
08458W	3146N	1858-15314	00000/0000	1-10032/0748	11/28/74	0	1963	30.1	148.6		PGG				
08459W	3149N	1822-15331	00000/0000	1-10031/0446	10/23/74	0	1461	39.3	143.9		GGGG				
08459W	3149N	1876-15310	00000/0000	1-10033/0061	12/16/74	20	2214	27.5	147.7		FGGG				

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ERTS-1
 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0424

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D				
LONG	LAT															
08500W	4437N	1843-15455	00000/0000	1-10032/0052	11/13/74	80	1754	23.5	154.5		GPPP					
08500W	4433N	1735-15492	00000/0000	1-10027/0009	07/28/74	40	248	54.8	127.0		PGPG					
08500W	4428N	1771-15480	00000/0000	1-10029/0738	09/02/74	90	750	46.2	138.1		GGGG					
08500W	3608N	1805-15374	00000/0000	1-10030/1082	10/06/74	0	1224	41.4	142.2		PPGG					M
08500W	3139N	1894-15301	00000/0000	1-10033/0642	01/03/75	70	2465	26.8	145.3		GGGF					
08501W	4439N	1825-15463	00000/0000	1-10031/0556	10/26/74	40	1503	28.8	152.7		PGGG					M
08501W	3144N	1948-15280	00000/0000	1-10035/0214	02/26/75	0	3218	36.7	133.2		GGGF					
08501W	3143N	1930-15284	00000/0000	1-10034/0624	02/08/75	0	2967	31.7	137.8		GGGG					
08501W	2601N	1803-15291	00000/0000	1-10031/0033	10/04/74	60	1196	48.1	132.1		GGGP					
08502W	4438N	5077-15344	00000/0000	1-10039/0404	07/05/75	20	5017	55.7	118.8		FGGG					
08502W	4432N	1933-15420	00000/0000	1-10034/0302	02/11/75	0	3009	24.1	144.6		GGGG					
08502W	4014N	1788-15424	00000/0000	1-10030/0335	09/19/74	10	987	43.8	139.9		PPGG					
08502W	3559N	1787-15382	00000/0000	1-10030/0322	09/18/74	10	973	46.7	135.3		GGGG					
08503W	4430N	1879-15442	00000/0000	1-10033/0185	12/19/74	100	2256	17.4	153.0		GGGF					
08504W	4436N	1951-15411	00000/0000	1-10035/0827	03/01/75	70	3260	30.0	141.7		GGGG					
08504W	4433N	1987-15393	00000/0000	1-10036/0723	04/06/75	0	3762	43.4	135.7		GGGF					
08504W	4426N	1897-15434	00000/0000	1-10033/0645	01/06/75	80	2507	17.5	150.5		GGGG					
08505W	4024N	1824-15420	00000/0000	1-10031/0686	10/25/74	60	1489	32.4	150.0		F					
08505W	4020N	1806-15421	00000/0000	1-10031/0060	10/07/74	70	1238	38.1	145.8		PGPG					
08505W	3609N	5093-15244	00000/0000	1-10040/0299	07/21/75	80	5240	55.4	107.1		GGFG					
08505W	3606N	1841-15365	00000/0000	1-10031/1176	11/11/74	100	1726	30.8	149.9		PGGP					
08505W	3557N	1769-15390	00000/0000	1-10029/0642	08/31/74	70	722	51.2	127.3		PP P					
08506W	3608N	1823-15373	00000/0000	1-10031/0490	10/24/74	90	1475	35.9	147.1		G GP					
08506W	3555N	1751-15394	00000/0000	1-10027/1491	08/13/74	50	471	54.9	119.2		GGGG					
08507W	4022N	1842-15412	00000/0000	1-10032/0038	11/12/74	80	1740	27.2	152.3		PPPG					
08507W	4012N	1770-15433	00000/0000	1-10029/0655	09/01/74	80	736	48.9	133.0		PPP					
08507W	3603N	1859-15361	00000/0000	1-10032/0486	11/29/74	60	1977	26.7	150.7		PPPG					
08507W	3603N	5075-15255	00000/0000	1-10039/0395	07/03/75	20	4989	57.4	104.0		FFGF					
08507W	3559N	1877-15353	00000/0000	1-10032/1027	12/17/74	70	2228	24.2	149.6		FGFF					
08507W	3558N	1733-15402	00000/0000	1-10027/0761	07/26/74	100	220	57.8	112.4		PP					
08508W	4019N	1860-15404	00000/0000	1-10032/0592	11/30/74	100	1991	23.1	152.6		PPPP					
08508W	4011N	1752-15441	00000/0000	1-10027/1775	08/14/74	50	485	53.1	125.9		PPPP					
08508W	2558N	1731-15315	00000/0000	1-10027/0630	07/24/74	20	192	58.5	94.1		P PG					
08508W	2557N	1749-15311	00000/0000	1-10027/1362	08/11/74	20	443	57.0	102.2		GGGG					
08509W	4430N	5023-15374	00000/0000	1-10037/0763	05/12/75	20	4264	53.8	127.2		FGFG					

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0425

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS			
LONG	LAT											B	P	P	B
08509W	4017N	1734-15445	00000/0000	1-10027/0656	07/27/74	20	234	56.5	120.0		G				
08509W	3603N	1949-15322	00000/0000	1-10035/0242	02/27/75	10	3232	34.6	136.2		FGFG				
08509W	3602N	1985-15304	00000/0000	1-10036/0675	04/04/75	0	3734	47.0	127.0		GGGG				
08509W	3559N	1931-15331	00000/0000	1-10034/0195	02/09/75	100	2981	29.3	140.1		FF				
08509W	3555N	1895-15344	00000/0000	1-10033/0666	01/04/75	40	2479	23.7	147.1		GGGG				
08510W	4016N	1878-15395	00000/0000	1-10032/1052	12/18/74	80	2242	20.8	151.3		FFFG				
08510W	2604N	1821-15290	00000/0000	1-10031/0344	10/22/74	100	1447	43.4	139.2		PPP				
08510W	2557N	1893-15261	00000/0000	1-10033/0582	01/02/75	50	2451	30.8	142.6		GGGG				
08511W	4019N	1950-15365	00000/0000	1-10035/0504	02/28/75	90	3246	32.4	139.0		GGGG				
08511W	4019N	1968-15360	00000/0000	1-10036/0110	03/18/75	50	3497	38.8	135.4		GGGG				
08511W	4014N	1932-15374	00000/0000	1-10034/0281	02/10/75	60	2995	26.8	142.3		GGGG				
08511W	4011N	1896-15391	00000/0000	1-10033/0734	01/05/75	0	2493	20.6	148.8		FFGG				
08512W	4731N	1808-15514	00000/0000	1-10031/0115	10/09/74	90	1266	32.2	151.4		PGGR				
08512W	4019N	5058-15312	00000/0000	1-10039/0114	06/16/75	30	4752	57.9	112.1		G F				
08512W	4016N	1986-15351	00000/0000	1-10036/0687	04/05/75	10	3748	45.3	131.4		GFFG				
08512W	3558N	5039-15275	00000/0000	1-10038/0491	05/28/75	30	4487	58.3	108.4		FFFF				
08513W	3557N	5003-15295	00000/0000	1-10037/0586	04/22/75	10	3985	52.4	121.1		GGGG				
08514W	4016N	5022-15332	00000/0000	1-10037/0417	05/11/75	40	4250	55.2	121.0		GGFF				
08514W	4015N	5004-15341	00000/0000	1-10037/0429	04/23/75	100	3999	51.0	126.6		FGFF				
08515W	4013N	5040-15322	00000/0000	1-10038/0503	05/29/75	50	4501	57.5	115.6		FGFG				
08515W	3020N	1804-15334	00000/0000	1-10030/1014	10/05/74	10	1210	45.3	136.8		PGPG				
08516W	4729N	1826-15512	00000/0000	1-10031/0581	10/27/74	10	1517	26.2	154.5		PPPG				
08516W	4721N	1790-15520	00000/0000	1-10030/0396	09/21/74	80	1015	38.4	146.9		GGGG				
08517W	3015N	1786-15341	00000/0000	1-10030/0208	09/17/74	10	959	49.9	128.5		GGGG				
08518W	4717N	1772-15525	00000/0000	1-10029/0804	09/03/74	50	764	44.2	141.5		PGGG				
08519W	4728N	1844-15504	00000/0000	1-10032/0062	11/14/74	70	1768	21.0	155.9		GGGG				
08519W	4724N	1862-15495	00000/0000	1-10032/0675	12/02/74	0	2019	17.1	155.7		PGPG				
08519W	4721N	1736-15541	00000/0000	1-10027/0022	07/29/74	90	262	53.3	131.5		GGPG				
08520W	4728N	1934-15465	00000/0000	1-10034/0345	02/12/75	100	3023	22.4	146.1		GGGG				
08520W	4717N	1754-15533	00000/0000	1-10027/1822	08/16/74	20	513	49.2	136.0		GGGG				
08520W	3016N	1768-15350	00000/0000	1-10029/0630	08/30/74	80	708	53.6	119.1		GGGG				
08521W	4728N	1970-15452	00000/0000	1-10036/0054	03/20/75	30	3525	35.3	141.1		GGGG				
08521W	4726N	1952-15461	00000/0000	1-10035/0542	03/02/75	70	3274	28.5	143.5		FFGF				
08521W	4719N	1880-15491	00000/0000	1-10033/0152	12/20/74	60	2270	15.1	154.1		FGGG				
08522W	4715N	1898-15483	00000/0000	1-10033/0745	01/07/75	70	2521	15.4	151.6		GFFG				

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OF POOR QUALITY

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
08522W	3020N	1858-15321	00000/0000	1-10032/0749	11/28/74	10	1963	31.2	147.8		PGGR				
08522W	3020N	5092-15204	00000/0000	1-10040/0263	07/20/75	30	5226	55.7	97.5		FGFG				M
08522W	3014N	1750-15354	00000/0000	1-10027/1635	08/12/74	30	457	56.5	109.7		PPPP				
08523W	4723N	1988-15442	00000/0000	1-10036/0735	04/07/75	0	3776	42.1	138.4		FGFG				
08524W	4724N	5006-15433	00000/0000	1-10037/0493	04/25/75	30	4027	48.1	135.1		GGGG				
08524W	3024N	1822-15333	00000/0000	1-10031/0447	10/23/74	10	1461	40.3	142.9		PGPG				
08524W	3023N	1840-15325	00000/0000	1-10031/1144	11/10/74	0	1712	35.3	146.5		GGGR				
08524W	3023N	1876-15312	00000/0000	1-10033/0062	12/16/74	60	2214	28.5	147.0		GGGG				
08524W	2435N	1803-15294	00000/0000	1-10031/0034	10/04/74	60	1196	48.8	130.6		GGGP				
08525W	3017N	1930-15291	00000/0000	1-10034/0625	02/08/75	0	2967	32.6	136.9		GGGG				
08525W	3013N	1894-15304	00000/0000	1-10033/0629	01/03/75	40	2465	27.8	144.6		G				
08526W	3018N	1948-15282	00000/0000	1-10035/0215	02/26/75	10	3218	37.5	132.2		GGFG				
08527W	3443N	1805-15381	00000/0000	1-10030/1083	10/06/74	0	1224	42.3	141.0		PPGG				
08529W	4719N	5024-15423	00000/0000	1-10037/0800	05/13/75	10	4278	52.7	131.1		FFG				
08529W	3433N	1787-15384	00000/0000	1-10030/0323	09/18/74	10	973	47.5	133.8		GGGG				
08530W	4313N	1807-15471	00000/0000	1-10030/1173	10/08/74	60	1252	35.8	148.2		PPGP				
08530W	2431N	1731-15322	00000/0000	1-10027/0645	07/24/74	30	192	58.3	91.6		PPPG				
08531W	4302N	1789-15473	00000/0000	1-10030/0384	09/20/74	70	1001	41.7	142.8		GGGG				
08531W	3849N	1788-15431	00000/0000	1-10030/0336	09/19/74	20	987	44.7	138.5		PPGG				
08531W	3443N	5093-15251	00000/0000	1-10040/0300	07/21/75	70	5240	55.6	104.8		GGFF				
08531W	3432N	1769-15393	00000/0000	1-10029/0643	08/31/74	70	722	51.8	125.5		PP P				
08531W	2431N	1749-15314	00000/0000	1-10027/1363	08/11/74	20	443	57.0	99.9		PPGG				
08532W	4312N	1843-15461	00000/0000	1-10032/0053	11/13/74	40	1754	24.7	153.8		PPPP				
08532W	4308N	1735-15494	00000/0000	1-10027/0010	07/28/74	10	248	55.3	124.8		PPPG				
08532W	3440N	1841-15372	00000/0000	1-10031/1177	11/11/74	100	1726	31.9	149.1		GGGP				
08532W	2437N	1821-15293	00000/0000	1-10031/0345	10/22/74	100	1447	44.4	138.0		PPP				
08533W	4314N	1825-15465	00000/0000	1-10031/0557	10/26/74	0	1503	29.9	151.9		PGPG				M
08533W	4304N	1771-15482	00000/0000	1-10029/0739	09/02/74	100	750	47.0	136.6		GGGG				
08533W	3443N	1823-15380	00000/0000	1-10031/0491	10/24/74	90	1475	36.9	146.2		G PP				
08533W	3437N	5075-15261	00000/0000	1-10039/0396	07/03/75	20	4989	57.4	101.5		GGGG				
08533W	3433N	1733-15405	00000/0000	1-10027/0768	07/26/74	100	220	58.1	109.9		P				
08533W	3430N	1751-15401	00000/0000	1-10027/1492	08/13/74	20	471	55.3	117.0		GGGG				
08533W	2430N	1893-15264	00000/0000	1-10033/0583	01/02/75	40	2451	31.8	141.8		FGGG				
08534W	4313N	5077-15351	00000/0000	1-10039/0405	07/05/75	10	5017	56.1	116.4		FGGG				
08534W	3437N	1859-15363	00000/0000	1-10032/0487	11/29/74	60	1977	27.8	150.0		GGGG				

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08534W 3433N	1877-15355	00000/0000 1-10032/1028	12/17/74	60	2228	25.2	148.9		FGGF	
08535W 4308N	1933-15423	00000/0000 1-10034/0303	02/11/75	80	3009	25.1	143.8		GGGG	
08535W 4305N	1879-15444	00000/0000 1-10033/0186	12/19/74	100	2256	18.5	152.4		GGFG	
08535W 3858N	1824-15423	00000/0000 1-10031/0677	10/25/74	80	1489	33.5	149.1		P PP	
08535W 3855N	1806-15424	00000/0000 1-10031/0061	10/07/74	20	1238	39.2	144.7		PGPG	
08535W 3848N	1770-15435	00000/0000 1-10029/0656	09/01/74	80	736	49.6	131.3		PPPP	
08535W 3438N	1949-15325	00000/0000 1-10035/0243	02/27/75	60	3232	35.4	135.1		FGFG	
08536W 4311N	1951-15414	00000/0000 1-10035/0828	03/01/75	70	3260	30.9	140.8		FGGG	
08536W 4301N	1897-15440	00000/0000 1-10033/0646	01/06/75	80	2507	18.6	149.9		GGGG	
08536W 3857N	1842-15414	00000/0000 1-10032/0031	11/12/74	90	1740	28.3	151.5		P PP	
08536W 3846N	1752-15444	00000/0000 1-10027/1776	08/14/74	10	485	53.7	123.8		PPPP	
08536W 3433N	1931-15334	00000/0000 1-10034/0196	02/09/75	100	2981	30.2	139.3		FF G	
08536W 3430N	1895-15351	00000/0000 1-10033/0667	01/04/75	80	2479	24.8	146.5		GGGG	
08537W 4308N	1987-15400	00000/0000 1-10036/0724	04/06/75	0	3762	44.1	134.2		GFGG	
08537W 3854N	1860-15410	00000/0000 1-10032/0593	11/30/74	100	1991	24.3	152.0		PPPP	
08537W 3436N	1985-15310	00000/0000 1-10036/0676	04/04/75	0	3734	47.6	125.4		GGGG	
08538W 3852N	1734-15451	00000/0000 1-10027/0653	07/27/74	20	234	57.0	117.6		PGGP	
08539W 3854N	1950-15371	00000/0000 1-10035/0505	02/28/75	40	3246	33.2	138.0		GGGG	
08539W 3431N	5003-15301	00000/0000 1-10037/0587	04/22/75	0	3985	52.9	119.1		GGGG	
08539W 2854N	1804-15340	00000/0000 1-10030/1015	10/05/74	50	1210	46.2	135.4		PGGP	
08540W 4305N	5023-15381	00000/0000 1-10037/0764	05/12/75	70	4264	54.4	125.1		FFFF	
08540W 3852N	1968-15362	00000/0000 1-10036/0111	03/18/75	70	3497	39.6	134.2		GFGG	
08540W 3849N	1878-15402	00000/0000 1-10032/1053	12/18/74	30	2242	21.9	150.7		FGGF	
08540W 3846N	1896-15393	00000/0000 1-10033/0735	01/05/75	10	2493	21.7	148.2		GGGG	
08541W 3854N	5058-15314	00000/0000 1-10039/0115	06/16/75	40	4752	58.2	109.5		G FG	
08541W 3850N	1986-15353	00000/0000 1-10036/0688	04/05/75	0	3748	46.0	129.8		GGFG	
08541W 3849N	1932-15380	00000/0000 1-10034/0282	02/10/75	90	2995	27.7	141.5		GGGG	
08542W 3851N	5022-15334	00000/0000 1-10037/0418	05/11/75	20	4250	55.7	118.8		FGFG	
08542W 2849N	1786-15344	00000/0000 1-10030/0209	09/17/74	10	959	50.6	126.8		GGPG	
08543W 3849N	5004-15344	00000/0000 1-10037/0430	04/23/75	100	3999	51.6	124.7		FFFF	
08543W 2850N	1768-15352	00000/0000 1-10029/0631	08/30/74	30	708	54.1	117.1		GGGG	
08544W 3847N	5040-15324	00000/0000 1-10038/0504	05/29/75	80	4501	57.9	113.1		FGFG	
08546W 2855N	1858-15323	00000/0000 1-10032/0750	11/28/74	10	1963	32.3	147.1		PGGP	
08546W 2854N	5092-15211	00000/0000 1-10040/0264	07/20/75	30	5226	55.6	95.2		FGFG	
08547W 4606N	1808-15520	00000/0000 1-10031/0116	10/09/74	90	1266	33.3	150.4		GGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08547W 2858N	1822-15340	00000/0000	1-10031/0448	10/23/74	40	1461	41.3	141.8		PGPG	
08547W 2849N	1750-15361	00000/0000	1-10027/1636	08/12/74	30	457	56.7	107.4		PPPP	
08548W 2857N	1840-15331	00000/0000	1-10031/1145	11/10/74	60	1712	36.4	145.7		GGPP	
08548W 2857N	1876-15315	00000/0000	1-10033/0063	12/16/74	80	2214	29.6	146.3		GGGG	
08549W 2847N	1894-15310	00000/0000	1-10033/0630	01/03/75	20	2465	28.8	143.9		F	
08550W 2852N	1948-15285	00000/0000	1-10035/0216	02/26/75	10	3218	38.3	131.0		FGFG	
08550W 2851N	1930-15293	00000/0000	1-10034/0626	02/08/75	40	2967	33.5	136.0		GGGG	
08551W 4604N	1826-15515	00000/0000	1-10031/0582	10/27/74	10	1517	27.4	153.7		PPPG	
08551W 4556N	1790-15523	00000/0000	1-10030/0397	09/21/74	70	1015	39.4	145.7		GGGG	
08552W 4552N	1772-15531	00000/0000	1-10029/0805	09/03/74	50	764	45.1	140.0		GGGG	
08552W 3317N	1805-15383	00000/0000	1-10030/1084	10/06/74	0	1224	43.3	139.8		PGGP	
08554W 4603N	1844-15510	00000/0000	1-10032/0063	11/14/74	50	1768	22.1	155.2		GGGG	
08554W 4603N	1934-15472	00000/0000	1-10034/0346	02/12/75	90	3023	23.4	145.3		GGGG	
08554W 4558N	1862-15502	00000/0000	1-10032/0676	12/02/74	0	2019	18.2	155.1		GGGG	
08554W 4556N	1736-15543	00000/0000	1-10027/0023	07/29/74	90	262	54.0	129.4		GGPG	
08555W 4552N	1754-15535	00000/0000	1-10027/1823	08/16/74	30	513	50.0	134.2		PPPP	
08555W 3308N	1787-15391	00000/0000	1-10030/0324	09/18/74	10	973	48.2	132.3		GGGG	
08556W 4601N	1952-15463	00000/0000	1-10035/0543	03/02/75	70	3274	29.4	142.5		GGGF	
08556W 4554N	1880-15494	00000/0000	1-10033/0153	12/20/74	100	2270	16.2	153.5		FGGG	
08556W 3317N	5093-15253	00000/0000	1-10040/0301	07/21/75	80	5240	55.6	102.5		GGGF	
08557W 4603N	1970-15454	00000/0000	1-10036/0055	03/20/75	80	3525	36.2	139.9		GGGG	
08557W 4550N	1898-15485	00000/0000	1-10033/0746	01/07/75	60	2521	16.5	151.0		GGGG	
08557W 3306N	1769-15395	00000/0000	1-10029/0644	08/31/74	50	722	52.4	123.6		PPPP	
08558W 4558N	1988-15445	00000/0000	1-10036/0736	04/07/75	10	3776	42.9	137.0		FGGG	
08558W 3314N	1841-15374	00000/0000	1-10031/1178	11/11/74	100	1726	33.0	148.3		PGGP	
08558W 3312N	5075-15264	00000/0000	1-10039/0397	07/03/75	40	4989	57.4	99.0		FFGG	
08559W 4558N	5006-15435	00000/0000	1-10037/0494	04/25/75	30	4027	48.9	133.4		GGGG	
08559W 3317N	1823-15382	00000/0000	1-10031/0492	10/24/74	70	1475	38.0	145.2		G PP	
08559W 3308N	1733-15411	00000/0000	1-10027/0762	07/26/74	100	220	58.3	107.4		PP	
08559W 3304N	1751-15403	00000/0000	1-10027/1493	08/13/74	20	471	55.7	114.7		GGGG	
08600W 4147N	1807-15473	00000/0000	1-10030/1174	10/08/74	80	1252	36.8	147.2		GGPP	
08600W 3723N	1788-15433	00000/0000	1-10030/0337	09/19/74	10	987	45.6	137.1		PPG	
08600W 3307N	1877-15362	00000/0000	1-10032/1029	12/17/74	30	2228	26.3	148.3		FGGG	
08601W 3312N	1949-15331	00000/0000	1-10035/0244	02/27/75	60	3232	36.2	134.1		GGGG	
08601W 3304N	1895-15353	00000/0000	1-10033/0668	01/04/75	80	2479	25.8	145.8		FGGG	

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COORDINATE LISTING WITH PRODUCT DATA
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FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C O D
08602W 4137N	1789-15480	00000/0000	1-10030/0385	09/20/74	70	1001	42.6	141.6		GGGG	
08602W 3307N	1931-15340	00000/0000	1-10034/0197	02/09/75	100	2981	31.1	138.4		FF G	
08603W 4856N	1809-15570	00000/0000	1-10030/1212	10/10/74	10	1280	30.8	152.6		GGGG	
08603W 4142N	1735-15501	00000/0000	1-10027/0011	07/28/74	20	248	55.9	122.6		PPPG	
08603W 3733N	1824-15425	00000/0000	1-10031/0680	10/25/74	40	1489	34.6	148.2		PPPP	
08603W 3729N	1806-15430	00000/0000	1-10031/0062	10/07/74	20	1238	40.1	143.6		PGGG	
08603W 3722N	1770-15442	00000/0000	1-10029/0657	09/01/74	80	736	50.3	129.5		PG P	
08603W 3309N	1985-15313	00000/0000	1-10036/0677	04/04/75	0	3734	48.2	123.7		GGGG	
08603W 2729N	1804-15343	00000/0000	1-10030/1016	10/05/74	70	1210	47.0	134.0		PGPG	
08604W 4844N	1791-15572	00000/0000	1-10030/0456	09/22/74	80	1029	37.1	148.3		GGGG	
08604W 4554N	5024-15430	00000/0000	1-10037/0801	05/13/75	0	4278	53.4	129.0		PGGG	
08604W 4148N	1825-15472	00000/0000	1-10031/0558	10/26/74	10	1503	31.0	151.0		GGGG	M
08604W 4147N	1843-15464	00000/0000	1-10032/0046	11/13/74	70	1754	25.8	153.0		P PP	
08604W 4139N	1771-15485	00000/0000	1-10029/0740	09/02/74	100	750	47.8	135.0		GGGG	
08605W 4147N	5077-15353	00000/0000	1-10039/0406	07/05/75	20	5017	56.4	114.0		FFGG	
08605W 3731N	1842-15421	00000/0000	1-10032/0039	11/12/74	80	1740	29.4	150.8		PPPP	
08605W 3727N	1860-15413	00000/0000	1-10032/0594	11/30/74	100	1991	25.4	151.3		PPGG	
08605W 3726N	1734-15454	00000/0000	1-10027/0654	07/27/74	10	234	57.3	115.2		PGGG	
08605W 3721N	1752-15450	00000/0000	1-10027/1777	08/14/74	70	485	54.2	121.7		PPPP	
08605W 3305N	5003-15304	00000/0000	1-10037/0588	04/22/75	0	3985	53.3	117.0		GGGG	
08606W 4854N	1827-15564	00000/0000	1-10031/0641	10/28/74	100	1531	24.8	155.4		PGGG	
08606W 4142N	1933-15425	00000/0000	1-10034/0304	02/11/75	100	3009	26.1	143.0		FGFG	
08606W 4140N	1879-15451	00000/0000	1-10033/0187	12/19/74	60	2256	19.6	151.8		GGGG	
08606W 4136N	1897-15443	00000/0000	1-10033/0647	01/06/75	100	2507	19.6	149.3		GGGG	
08606W 2724N	1768-15355	00000/0000	1-10029/0632	08/30/74	30	708	54.5	115.0		GGGG	
08607W 4145N	1951-15420	00000/0000	1-10035/0829	03/01/75	80	3260	31.8	139.8		GGGG	
08607W 4136N	1753-15493	00000/0000	1-10027/1871	08/15/74	0	499	52.3	128.2		PGGG	
08607W 3728N	1950-15374	00000/0000	1-10035/0506	02/28/75	10	3246	34.1	137.0		FGGG	
08608W 4848N	1863-15551	00000/0000	1-10032/0708	12/03/74	60	2033	15.8	156.3		PPGG	
08608W 4842N	1773-15580	00000/0000	1-10029/0763	09/04/74	10	778	43.0	143.2		G&P	
08608W 4142N	1987-15402	00000/0000	1-10036/0725	04/06/75	10	3762	44.9	132.7		GGGG	
08608W 3720N	1896-15400	00000/0000	1-10033/0736	01/05/75	0	2493	22.7	147.6		FGFG	
08609W 4852N	1935-15521	00000/0000	1-10034/0524	02/13/75	50	3037	21.7	146.7		GGGG	
08609W 4846N	1737-15593	00000/0000	1-10027/0133	07/30/74	80	276	52.4	133.7		GGGG	
08609W 3728N	5058-15321	00000/0000	1-10039/0116	06/16/75	20	4752	58.3	107.0		GFF	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER, ** = NO CLOUD DATA AVAILABLE.
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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08609W	3726N	1968-15365	00000/0000	1-10036/0112	03/18/75	70	3497	40.4	132.9		GGGG	
08609W	3724N	1878-15404	00000/0000	1-10032/1054	12/18/74	10	2242	23.0	150.1		FGFF	
08609W	3724N	1986-15360	00000/0000	1-10036/0689	04/05/75	0	3748	46.7	128.3		FGFG	
08609W	3723N	1932-15383	00000/0000	1-10034/0283	02/10/75	90	2995	28.6	140.7		GGGG	
08609W	2728N	5092-15213	00000/0000	1-10040/0265	07/20/75	50	5226	55.5	93.0		PGTG	
08610W	4857N	5079-15445	00000/0000	1-10039/0462	07/07/75	30	5045	54.1	125.8		FGGG	
08610W	4853N	1953-15512	00000/0000	1-10035/0481	03/03/75	20	3288	27.9	144.4		GGGG	
08610W	4847N	1881-15543	00000/0000	1-10033/0223	12/21/74	100	2284	13.9	154.6		F	
08610W	3726N	5022-15341	00000/0000	1-10037/0419	05/11/75	10	4250	56.1	116.5		FGGG	
08611W	4842N	1755-15585	00000/0000	1-10027/1840	08/17/74	30	527	48.1	138.0		PGGG	
08611W	4842N	1899-15534	00000/0000	1-10033/0760	01/08/75	100	2535	14.4	152.1		GGGF	
08611W	4140N	5023-15383	00000/0000	1-10037/0765	05/12/75	80	4264	54.9	122.9		GGFG	
08611W	3724N	5004-15350	00000/0000	1-10037/0431	04/23/75	100	3999	52.1	122.7		FFFF	
08611W	2731N	1822-15342	00000/0000	1-10031/0449	10/23/74	60	1461	42.2	140.6		GGPG	
08611W	2729N	1858-15330	00000/0000	1-10032/0751	11/28/74	20	1963	33.3	146.3		PGPG	
08611W	2721N	1750-15363	00000/0000	1-10027/1637	08/12/74	30	457	56.8	105.0		PPPP	
08612W	4850N	1989-15494	00000/0000	1-10037/0114	04/08/75	0	3790	41.6	139.7		FFGG	
08612W	2731N	1840-15334	00000/0000	1-10031/1146	11/10/74	60	1712	37.4	144.7		GGPP	
08613W	2721N	1894-15313	00000/0000	1-10033/0631	01/03/75	20	2465	29.8	143.2		G G	
08614W	2726N	1948-15291	00000/0000	1-10035/0217	02/26/75	10	3218	39.0	129.9		FGGF	
08614W	2725N	1930-15300	00000/0000	1-10034/0627	02/08/75	60	2967	34.3	135.0		GGGG	
08616W	4846N	5043-15465	00000/0000	1-10038/0506	06/01/75	90	4543	54.8	129.1		FGGG	
08617W	3151N	1805-15390	00000/0000	1-10030/1085	10/06/74	0	1224	44.2	138.5		PGPG	
08619W	4844N	5025-15475	00000/0000	1-10038/0228	05/14/75	50	4292	52.2	132.9		GGPP	
08620W	3141N	1787-15393	00000/0000	1-10030/0325	09/18/74	0	973	49.0	130.7		GGGG	
08621W	4441N	1808-15523	00000/0000	1-10031/0117	10/09/74	90	1266	34.4	149.5		GGGG	
08622W	3141N	1769-15402	00000/0000	1-10029/0645	08/31/74	60	722	53.0	121.6		PPPP	
08623W	3146N	5075-15270	00000/0000	1-10039/0398	07/03/75	70	4989	57.4	96.6		GGGG	
08624W	4428N	1772-15534	00000/0000	1-10029/0806	09/03/74	50	764	45.9	138.5		GGGG	
08624W	3152N	1823-15385	00000/0000	1-10031/0497	10/24/74	10	1475	39.0	144.2		GGGG	
08624W	3148N	1841-15381	00000/0000	1-10031/1179	11/11/74	100	1726	34.0	147.5		GGGP	
08624W	3143N	1733-15414	00000/0000	1-10027/0763	07/26/74	80	220	58.4	104.9		PP	
08624W	3138N	1751-15410	00000/0000	1-10027/1494	08/13/74	20	471	56.1	112.5		GGGG	
08625W	4429N	1790-15525	00000/0000	1-10030/0398	09/21/74	60	1015	40.4	144.4		GGPG	
08625W	3145N	1859-15372	00000/0000	1-10032/0488	11/29/74	80	1977	30.0	148.6		PPP	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C C D D
LONG	LAT		RBV	MSS								
08626W	4439N	1826-15521	00000/0000	1-10031/0583	10/27/74	20	1517	28.5	152.8		PPPG	
08626W	3141N	1877-15364	00000/0000	1-10032/1030	12/17/74	10	2228	27.4	147.6		GGGG	
08626W	2602N	1804-15345	00000/0000	1-10030/1017	10/05/74	70	1210	47.8	132.6		PGPP	
08627W	4430N	1736-15550	00000/0000	1-10027/0024	07/29/74	70	262	54.6	127.2		GPGG	
08627W	3146N	1949-15334	00000/0000	1-10035/0245	02/27/75	40	3232	37.0	133.0		GGGG	
08627W	3141N	1931-15343	00000/0000	1-10034/0198	02/09/75	90	2981	32.0	137.5		FF	
08627W	3138N	1895-15360	00000/0000	1-10033/0669	01/04/75	100	2479	26.8	145.1		FGFG	
08628W	4438N	1844-15513	00000/0000	1-10032/0064	11/14/74	80	1768	23.3	154.5		GGGG	
08628W	4438N	1934-15474	00000/0000	1-10034/0347	02/12/75	90	3023	24.4	144.5		GGGG	
08628W	4433N	1862-15504	00000/0000	1-10032/0677	12/02/74	10	2019	19.4	154.4		GGPG	
08628W	3558N	1788-15440	00000/0000	1-10030/0338	09/19/74	10	987	46.4	135.7		GPG	
08628W	3144N	1985-15315	00000/0000	1-10036/0678	04/04/75	0	3734	48.7	122.0		FGGG	
08629W	4427N	1754-15542	00000/0000	1-10027/1824	08/16/74	10	513	50.7	132.4		PGGP	
08630W	4438N	1970-15461	00000/0000	1-10036/0056	03/20/75	50	3525	37.0	138.7		GGGG	
08630W	4436N	1952-15470	00000/0000	1-10035/0544	03/02/75	60	3274	30.4	141.6		GGGG	
08630W	4429N	1880-15500	00000/0000	1-10033/0154	12/20/74	100	2270	17.3	152.9		FPFG	
08630W	4022N	1807-15480	00000/0000	1-10030/1175	10/08/74	30	1252	37.8	146.1		GGPG	
08630W	3556N	1770-15444	00000/0000	1-10029/0658	09/01/74	80	736	51.0	127.8		PP G	
08631W	4433N	1988-15451	00000/0000	1-10036/0737	04/07/75	10	3776	43.7	135.5		GGGG	
08631W	3607N	1824-15432	00000/0000	1-10031/0678	10/25/74	20	1489	35.6	147.3		P G	
08631W	3603N	1806-15433	00000/0000	1-10031/0063	10/07/74	80	1238	41.1	142.5		PGGG	
08632W	4433N	5006-15442	00000/0000	1-10037/0495	04/25/75	80	4027	49.6	131.6		GGGG	
08632W	4016N	1735-15503	00000/0000	1-10027/0012	07/28/74	60	248	56.4	120.3		PP G	M
08632W	4012N	1789-15482	00000/0000	1-10030/0386	09/20/74	80	1001	43.5	140.2		GGGG	
08632W	3600N	1734-15460	00000/0000	1-10027/0655	07/27/74	30	234	57.7	112.8		PGGG	
08632W	3555N	1752-15453	00000/0000	1-10027/1778	08/14/74	100	485	54.7	119.6		GGGG	
08633W	3605N	1842-15423	00000/0000	1-10032/0040	11/12/74	70	1740	30.5	150.0		GPG	
08633W	3601N	1860-15415	00000/0000	1-10032/0595	11/30/74	100	1991	26.5	150.6		PPPP	
08634W	4023N	1825-15474	00000/0000	1-10031/0559	10/26/74	0	1503	32.1	150.2		GGGG	M
08634W	4022N	1843-15470	00000/0000	1-10032/0047	11/13/74	80	1754	26.9	152.3		P PP	
08634W	4013N	1771-15491	00000/0000	1-10029/0741	09/02/74	100	750	48.6	133.4		GGGG	
08634W	3602N	1950-15380	00000/0000	1-10035/0507	02/28/75	40	3246	34.9	135.9		GGGG	
08635W	4022N	5077-15360	00000/0000	1-10039/0407	07/05/75	40	5017	56.7	111.6		GPGG	
08635W	3555N	1896-15402	00000/0000	1-10033/0737	01/05/75	0	2493	23.8	146.9		FGGG	M
08635W	2554N	1750-15370	00000/0000	1-10027/1638	08/12/74	20	457	56.9	102.7		PPPP	

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0432

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
08636W	4429N	5024-15432	00000/0000	1-10037/0802	05/13/75	0	4278	54.0	126.9		PF	G	G		
08636W	4014N	1879-15453	00000/0000	1-10033/0188	12/19/74	0	2256	20.7	151.2		G	G	G	G	
08636W	4010N	1753-15495	00000/0000	1-10027/1872	08/15/74	10	499	52.9	126.2		G	G	G	G	
08636W	4010N	1897-15445	00000/0000	1-10033/0648	01/06/75	100	2507	20.7	148.7		G	G	G	G	
08636W	3601N	1968-15371	00000/0000	1-10036/0113	03/18/75	100	3497	41.1	131.6		F	P	G	G	
08636W	3558N	1878-15411	00000/0000	1-10032/1055	12/18/74	10	2242	24.1	149.5		F	F	F	F	
08636W	3557N	1932-15385	00000/0000	1-10034/0284	02/10/75	70	2995	29.6	139.9		G	G	G	G	
08637W	4020N	1951-15423	00000/0000	1-10035/0830	03/01/75	40	3260	32.7	138.8		G	G	G	G	
08638W	3558N	5004-15353	00000/0000	1-10037/0432	04/23/75	70	3999	52.7	120.7		G	G	F	G	
08639W	4731N	1809-15572	00000/0000	1-10030/1213	10/10/74	10	1280	31.8	151.7		P	G	G	G	
08639W	4016N	1987-15405	00000/0000	1-10036/0726	04/06/75	0	3762	45.6	131.2		G	G	G	G	
08640W	4719N	1791-15574	00000/0000	1-10030/0457	09/22/74	90	1029	38.1	147.1		G	G	G	G	
08641W	4014N	5023-15390	00000/0000	1-10037/0766	05/12/75	80	4264	55.4	120.7		G	F	T	G	
08641W	3024N	1805-15392	00000/0000	1-10030/1086	10/06/74	0	1224	45.1	137.2		P	P	P	P	
08642W	4729N	1827-15570	00000/0000	1-10031/0642	10/28/74	80	1531	25.9	154.6		F	G	G	G	
08644W	4718N	1773-15583	00000/0000	1-10029/0764	09/04/74	0	778	43.9	141.8		G	G	G		
08645W	4726N	1845-15562	00000/0000	1-10032/0141	11/15/74	90	1782	20.7	155.9		P	G			
08645W	4723N	1863-15554	00000/0000	1-10032/0709	12/03/74	80	2033	16.9	155.6		G	P	G	G	
08645W	4721N	1737-15595	00000/0000	1-10027/0134	07/30/74	80	276	53.1	131.7		G	G	G	G	
08645W	3015N	1787-15400	00000/0000	1-10030/0326	09/18/74	0	973	49.7	129.0		G	G	G	G	
08646W	4731N	5079-15451	00000/0000	1-10039/0463	07/07/75	80	5045	54.6	123.6		G	G	G	G	
08646W	4727N	1935-15524	00000/0000	1-10034/0525	02/13/75	90	3037	22.7	145.9		G	G	F	G	
08646W	4722N	1881-15545	00000/0000	1-10033/0197	12/21/74	80	2284	15.0	154.0		F	F	T	G	
08646W	3016N	1769-15404	00000/0000	1-10029/0646	08/31/74	60	722	53.5	119.6		P	P	P	P	
08647W	4728N	1953-15515	00000/0000	1-10035/0482	03/03/75	70	3288	28.9	143.4		G	G	G	G	
08647W	4718N	1899-15541	00000/0000	1-10033/0761	01/08/75	100	2535	15.4	151.5		P	G	F	G	
08647W	4717N	1755-15591	00000/0000	1-10027/1841	08/17/74	10	527	48.9	136.3		P	P	G	G	
08648W	3026N	1823-15391	00000/0000	1-10031/0498	10/24/74	0	1475	40.0	143.2		P	P	G	G	
08648W	3020N	5075-15273	00000/0000	1-10039/0399	07/03/75	30	4989	57.2	94.2		G	F	G	F	
08649W	4725N	1989-15500	00000/0000	1-10037/0115	04/08/75	20	3790	42.4	138.3		F	F	F	F	
08649W	3022N	1841-15383	00000/0000	1-10031/1180	11/11/74	90	1726	35.1	146.7		G	P	G	P	
08649W	3013N	1751-15412	00000/0000	1-10027/1495	08/13/74	30	471	56.3	110.2		G	G	G	G	
08649W	2436N	1804-15352	00000/0000	1-10030/1018	10/05/74	60	1210	48.6	131.1		P	G	G	P	
08650W	4724N	5007-15491	00000/0000	1-10037/0589	04/26/75	0	4041	48.4	134.9		P	G	G	F	
08650W	3020N	1859-15375	00000/0000	1-10032/0489	11/29/74	100	1977	31.0	147.8		P	G	P		

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EPTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0433

PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08650W	3018N	1733-15420	00000/0000	1-10027/0764	07/26/74	80	220	58.5	102.4		PR
08651W	3016N	1877-15371	00000/0000	1-10032/1031	12/17/74	30	2228	28.5	146.9		GGGG
08652W	3020N	1949-15340	00000/0000	1-10035/0246	02/27/75	30	3232	37.8	131.9		FFGG
08652W	3014N	1931-15345	00000/0000	1-10034/0199	02/09/75	60	2981	32.8	136.6		FF
08652W	3012N	1895-15362	00000/0000	1-10033/0670	01/04/75	90	2479	27.9	144.4		FGGG
08653W	4721N	5043-15472	00000/0000	1-10038/0507	06/01/75	80	4543	55.4	126.9		FGGF
08653W	4315N	1808-15525	00000/0000	1-10031/0118	10/09/74	60	1266	35.4	148.5		PGPG
08653W	3018N	1985-15322	00000/0000	1-10036/0679	04/04/75	0	3734	49.3	120.3		FFFF
08655W	4719N	5025-15482	00000/0000	1-10038/0229	05/14/75	80	4292	52.9	130.9		FFFF
08655W	3433N	1788-15442	00000/0000	1-10030/0339	09/19/74	10	987	47.2	134.2		PGG
08656W	4303N	1772-15540	00000/0000	1-10029/0807	09/03/74	60	764	46.8	136.9		GGGG
08656W	3432N	1770-15451	00000/0000	1-10029/0659	09/01/74	70	736	51.6	125.9		PPPG
08657W	4304N	1790-15532	00000/0000	1-10030/0399	09/21/74	30	1015	41.3	143.2		GGGP
08658W	3441N	1824-15434	00000/0000	1-10031/0687	10/25/74	50	1489	36.7	146.4		P
08658W	3438N	1806-15435	00000/0000	1-10031/0064	10/07/74	30	1238	42.1	141.3		PPGG
08659W	4313N	1826-15524	00000/0000	1-10031/0584	10/27/74	20	1517	29.6	152.0		PPPG
08659W	3856N	1807-15482	00000/0000	1-10030/1176	10/08/74	0	1252	38.8	145.0		GGGG
08659W	3440N	1842-15430	00000/0000	1-10032/0041	11/12/74	20	1740	31.6	149.2		PPGG
08659W	3430N	1752-15455	00000/0000	1-10027/1779	08/14/74	100	485	55.2	117.4		GGGG
08700W	4312N	1844-15515	00000/0000	1-10032/0065	11/14/74	90	1768	24.4	153.8		GPGG
08700W	4312N	1934-15481	00000/0000	1-10034/0348	02/12/75	60	3023	25.3	143.7		PGGG
08700W	4308N	1862-15511	00000/0000	1-10032/0678	12/02/74	10	2019	20.5	153.8		GGPG
08700W	4305N	1736-15552	00000/0000	1-10027/0025	07/29/74	20	262	55.2	125.0		GPGP
08700W	3436N	1860-15422	00000/0000	1-10032/0596	11/30/74	100	1991	27.6	150.0		GPGG
08701W	4302N	1754-15544	00000/0000	1-10027/1825	08/16/74	10	513	51.4	130.5		GGGG
08701W	3846N	1789-15485	00000/0000	1-10030/0387	09/20/74	90	1001	44.4	138.9		GPGP
08701W	3436N	1950-15383	00000/0000	1-10035/0508	02/28/75	90	3246	35.8	134.9		GGGG
08702W	4311N	1952-15472	00000/0000	1-10035/0545	03/02/75	40	3274	31.3	140.6		GGGG
08702W	4304N	1880-15503	00000/0000	1-10033/0155	12/20/74	80	2270	18.5	152.3		FGFG
08702W	4300N	1898-15494	00000/0000	1-10033/0747	01/07/75	40	2521	18.6	149.7		PPFP
08702W	3852N	1735-15510	00000/0000	1-10027/0013	07/28/74	80	248	56.8	117.9		PP G
08702W	3847N	1771-15494	00000/0000	1-10029/0742	09/02/74	100	750	49.4	131.7		GGGG
08702W	3429N	1896-15405	00000/0000	1-10033/0738	01/05/75	0	2493	24.8	146.3		GGGG
08703W	4312N	1970-15463	00000/0000	1-10036/0057	03/20/75	10	3525	37.9	137.5		FFFF
08703W	4308N	1988-15454	00000/0000	1-10036/0738	04/07/75	10	3776	44.5	134.0		GGGG

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT		RBV	MSS								B	P	P	B
08703W	3857N	1825-15481	00000/0000	1-10031/0560	10/26/74	0	1503	33.2	149.3		GGGP				M
08703W	3856N	1843-15473	00000/0000	1-10032/0048	11/13/74	70	1754	28.1	151.6		P PG				
08703W	3434N	1968-15374	00000/0000	1-10036/0114	03/18/75	100	3497	41.9	130.3		GGGF				
08703W	3432N	1878-15413	00000/0000	1-10032/1056	12/18/74	0	2242	25.2	148.8		FFF				
08703W	3432N	1986-15365	00000/0000	1-10036/0690	04/05/75	0	3748	47.9	125.0		GGFG				
08703W	3431N	1932-15392	00000/0000	1-10034/0285	02/10/75	40	2995	30.5	139.0		GGGG				
08704W	3856N	5077-15362	00000/0000	1-10039/0408	07/05/75	10	5017	56.9	109.1		GGGG				
08704W	3845N	1753-15502	00000/0000	1-10027/1873	08/15/74	10	499	53.5	124.2		GGGG				
08704W	3431N	5004-15355	00000/0000	1-10037/0433	04/23/75	40	3999	53.1	118.7		GGFG				
08705W	4307N	5006-15444	00000/0000	1-10037/0496	04/25/75	100	4027	50.3	129.8		GGGG				
08705W	3851N	1933-15434	00000/0000	1-10034/0305	02/11/75	90	3009	28.0	141.4		GGFG				
08705W	3848N	1879-15460	00000/0000	1-10033/0189	12/19/74	10	2256	21.8	150.6		GGGG				
08705W	3845N	1897-15452	00000/0000	1-10033/0649	01/06/75	100	2507	21.7	148.0		GGGG				
08705W	3434N	5022-15350	00000/0000	1-10037/0420	05/11/75	10	4250	56.7	111.8		GGFG				
08705W	2859N	1805-15395	00000/0000	1-10030/1087	10/06/74	20	1224	45.9	135.9		PPPP				
08706W	3854N	1951-15425	00000/0000	1-10035/0831	03/01/75	60	3260	33.6	137.8		GGGG				
08707W	3851N	1987-15411	00000/0000	1-10036/0727	04/06/75	0	3762	46.3	129.6		GGGG				
08708W	4304N	5024-15435	00000/0000	1-10037/0803	05/13/75	0	4278	54.6	124.8		PFGG				
08709W	3849N	5023-15392	00000/0000	1-10037/0767	05/12/75	70	4264	55.9	118.4		GGFG				
08709W	2849N	1787-15402	00000/0000	1-10030/0327	09/18/74	10	973	50.4	127.4		GGGP				
08710W	2850N	1769-15411	00000/0000	1-10029/0647	08/31/74	60	722	53.9	117.6		PPP				
08711W	2859N	1823-15394	00000/0000	1-10031/0499	10/24/74	50	1475	41.0	142.1		GGPG				
08712W	2854N	5075-15275	00000/0000	1-10039/0400	07/03/75	40	4989	57.1	91.8		FFFG				
08713W	2856N	1841-15390	00000/0000	1-10031/1181	11/11/74	80	1726	36.1	145.8		PGPP				
08713W	2846N	1751-15415	00000/0000	1-10027/1496	08/13/74	30	471	56.5	107.9		PPPP				
08714W	4606N	1809-15575	00000/0000	1-10030/1214	10/10/74	10	1280	32.9	150.7		GGPG				
08715W	4554N	1791-15581	00000/0000	1-10030/0458	09/22/74	90	1029	39.1	145.9		GGGG				
08715W	2854N	1859-15381	00000/0000	1-10032/0490	11/29/74	100	1977	32.1	147.1		GPP				
08715W	2850N	1877-15373	00000/0000	1-10032/1032	12/17/74	40	2228	29.5	146.2		GGGG				
08716W	2854N	1949-15343	00000/0000	1-10035/0247	02/27/75	20	3232	38.6	130.8		GGGG				
08716W	2848N	1931-15352	00000/0000	1-10034/0200	02/09/75	60	2981	33.7	135.7		FF F				
08716W	2845N	1895-15365	00000/0000	1-10033/0671	01/04/75	100	2479	28.9	143.7		GGFG				
08717W	2853N	1985-15324	00000/0000	1-10036/0680	04/04/75	10	3734	49.7	118.5		GGFF				
08718W	4604N	1827-15573	00000/0000	1-10031/0643	10/28/74	60	1531	27.0	153.8		GGPG				
08719W	4554N	1773-15585	00000/0000	1-10029/0765	09/04/74	20	778	44.8	140.3		GGG				

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08720W 4607N	5079-15454	00000/0000	1-10039/0464	07/07/75	30	5045	55.1	121.3		GGGG	
08720W 4556N	1737-16002	00000/0000	1-10027/0135	07/30/74	90	276	53.8	129.6		GGGG	
08720W 3307N	1788-15445	00000/0000	1-10030/0340	09/19/74	20	987	48.0	132.7		GPG	
08721W 4602N	1935-15530	00000/0000	1-10034/0526	02/13/75	30	3037	23.7	145.1		GGGG	
08721W 4558N	1863-15560	00000/0000	1-10032/0710	12/03/74	80	2033	18.1	155.0		PGGG	
08721W 4557N	1881-15552	00000/0000	1-10033/0198	12/21/74	70	2284	16.1	153.4		FFPF	
08721W 4552N	1755-15594	00000/0000	1-10027/1842	08/17/74	10	527	49.7	134.5		GPGG	
08722W 4603N	1953-15521	00000/0000	1-10035/0483	03/03/75	80	3288	29.8	142.4		GGGG	
08722W 4553N	1899-15543	00000/0000	1-10033/0762	01/08/75	100	2535	16.5	150.9		GGFF	
08722W 3306N	1770-15453	00000/0000	1-10029/0660	09/01/74	80	736	52.2	124.0		PP G	
08724W 4600N	1989-15503	00000/0000	1-10037/0116	04/08/75	0	3790	43.3	136.8		FFFG	
08724W 4559N	5007-15493	00000/0000	1-10037/0590	04/26/75	10	4041	49.2	133.2		PGGG	
08724W 4150N	1808-15532	00000/0000	1-10031/0119	10/09/74	60	1266	36.4	147.4		GGPG	
08724W 3315N	1824-15441	00000/0000	1-10031/0688	10/25/74	90	1489	37.7	145.4		P	
08724W 3313N	1806-15442	00000/0000	1-10031/0065	10/07/74	0	1238	43.0	140.1		PGPG	
08724W 3303N	1752-15462	00000/0000	1-10027/1780	08/14/74	70	485	55.6	115.2		GGGG	
08725W 3314N	1842-15432	00000/0000	1-10032/0042	11/12/74	0	1740	32.7	148.4		GGGP	
08726W 4856N	1810-16024	00000/0000	1-10030/1261	10/11/74	50	1294	30.4	152.8		P G	
08726W 3310N	1860-15424	00000/0000	1-10032/0597	11/30/74	90	1991	28.7	149.3		PGPP	
08727W 4556N	5043-15474	00000/0000	1-10038/0508	06/01/75	30	4543	56.0	124.5		FFFG	
08727W 4138N	1772-15543	00000/0000	1-10029/0808	09/03/74	50	764	47.6	135.4		GGGG	
08727W 3730N	1807-15485	00000/0000	1-10030/1177	10/08/74	0	1252	39.8	143.9		GGPG	
08728W 4139N	1790-15534	00000/0000	1-10030/0400	09/21/74	20	1015	42.3	141.9		GGGP	
08728W 3721N	1789-15491	00000/0000	1-10030/0388	09/20/74	90	1001	45.3	137.5		GGGG	
08728W 3310N	1950-15385	00000/0000	1-10035/0509	02/28/75	80	3246	36.6	133.8		GGGG	
08728W 3307N	1878-15420	00000/0000	1-10032/1057	12/18/74	0	2242	26.3	148.2		FGF	
08728W 3305N	1932-15394	00000/0000	1-10034/0286	02/10/75	80	2995	31.4	138.1		GGGG	
08728W 3303N	1896-15411	00000/0000	1-10033/0739	01/05/75	10	2493	25.9	145.6		GGGG	
08728W 2732N	1805-15401	00000/0000	1-10030/1088	10/06/74	40	1224	46.8	134.5		PGGP	
08729W 4554N	5025-15484	00000/0000	1-10038/0230	05/14/75	90	4292	53.6	128.8		GGGG	
08729W 3308N	1968-15380	00000/0000	1-10036/0115	03/18/75	100	3497	42.6	129.0		GGGG	
08729W 3307N	1986-15371	00000/0000	1-10036/0691	04/05/75	10	3748	48.5	123.3		GGFG	
08730W 4148N	1826-15530	00000/0000	1-10031/0585	10/27/74	30	1517	30.7	151.2		PGPG	
08730W 4139N	1736-15555	00000/0000	1-10027/0026	07/29/74	10	262	55.7	122.8		GGPG	M
08730W 3728N	1735-15512	00000/0000	1-10027/0014	07/28/74	70	248	57.2	115.5		PPPG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS						123	45678	
08730W	3722N	1771-15500	00000/0000	1-10029/0743	09/02/74	90	750	50.1	130.0		GGGG	
08730W	3308N	5022-15352	00000/0000	1-10037/0421	05/11/75	10	4250	57.0	109.4		FFGF	
08730W	3305N	5004-15362	00000/0000	1-10037/0434	04/23/75	30	3999	53.6	116.7		FGGF	
08731W	4853N	1828-16022	00000/0000	1-10031/0348	10/29/74	100	1545	24.5	155.5		PPP	
08731W	4845N	1792-16030	00000/0000	1-10030/0529	09/23/74	60	1043	36.7	148.6		GG	
08731W	4147N	1934-15483	00000/0000	1-10034/0349	02/12/75	40	3023	26.3	142.9		GGGG	
08731W	4143N	1862-15513	00000/0000	1-10032/0679	12/02/74	10	2019	21.7	153.2		GGGP	
08731W	3732N	1825-15483	00000/0000	1-10031/0561	10/26/74	0	1503	34.3	148.4		GGGG	M
08732W	4845N	1774-16035	00000/0000	1-10029/0890	09/05/74	0	792	42.6	143.6		GGGP	
08732W	4147N	1844-15522	00000/0000	1-10032/0066	11/14/74	40	1768	25.5	153.1		PGPG	
08732W	4136N	1754-15551	00000/0000	1-10027/1826	08/16/74	10	513	52.1	128.6		GGGG	
08732W	3730N	1843-15475	00000/0000	1-10032/0054	11/13/74	40	1754	29.2	150.9		GPPG	
08732W	3730N	5077-15365	00000/0000	1-10039/0409	07/05/75	10	5017	57.1	106.7		GGFG	M
08732W	3720N	1753-15504	00000/0000	1-10027/1874	08/15/74	20	499	54.1	122.1		GPPG	
08732W	2724N	1787-15405	00000/0000	1-10030/0328	09/18/74	30	973	51.0	125.6		GGGG	
08733W	4854N	1936-15575	00000/0000	1-10034/0202	02/14/75	70	3051	22.0	146.6		FGGG	
08733W	4145N	1952-15475	00000/0000	1-10035/0546	03/02/75	20	3274	32.2	139.6		FFGG	
08733W	4143N	1988-15460	00000/0000	1-10036/0739	04/07/75	10	3776	45.2	132.5		GGFG	
08733W	4135N	1898-15501	00000/0000	1-10033/0748	01/07/75	40	2521	19.7	149.1		FGFG	
08733W	3725N	1933-15441	00000/0000	1-10034/0306	02/11/75	100	3009	28.9	140.5		GGFF	
08733W	3719N	1897-15454	00000/0000	1-10033/0650	01/06/75	60	2507	22.8	147.4		GGGG	
08734W	4847N	1738-16051	00000/0000	1-10027/0946	07/31/74	80	290	52.2	133.9		GGPG	
08734W	4147N	1970-15470	00000/0000	1-10036/0058	03/20/75	0	3525	38.7	136.3		GGGF	M
08734W	4139N	1880-15505	00000/0000	1-10033/0156	12/20/74	100	2270	19.6	151.7		FGPG	
08734W	3728N	1951-15432	00000/0000	1-10035/0832	03/01/75	90	3260	34.4	136.8		FGGG	
08734W	3723N	1879-15462	00000/0000	1-10033/0190	12/19/74	20	2256	22.9	150.0		GGGG	
08734W	2723N	1769-15413	00000/0000	1-10029/0648	08/31/74	70	722	54.3	115.5		PPP	
08735W	4856N	5080-15503	00000/0000	1-10039/0473	07/08/75	40	5059	54.0	125.9		GGGG	
08735W	4851N	1846-16014	00000/0000	1-10032/0150	11/16/74	80	1796	19.3	156.7		PGGG	
08735W	3725N	1987-15414	00000/0000	1-10036/0728	04/06/75	0	3762	47.0	128.0		FGGG	
08736W	4852N	1954-15570	00000/0000	1-10035/0619	03/04/75	40	3302	28.3	144.2		FGPG	
08736W	4846N	1864-16005	00000/0000	1-10032/0648	12/04/74	100	2047	15.6	156.2		PPP	
08736W	4142N	5006-15451	00000/0000	1-10037/0497	04/25/75	90	4027	50.9	127.9		GGGF	
08736W	2728N	5075-15282	00000/0000	1-10039/0401	07/03/75	30	4989	56.8	89.4		FFGF	
08737W	4847N	1882-16001	00000/0000	1-10033/0005	12/22/74	70	2298	13.9	154.5		FP F	

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STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS			
LONG	LAT											B	P	P	B
08737W	4842N	1900-15593	00000/0000	1-10033/0777	01/09/75	70	2549	14.5	151.9		GFFF				
08737W	3724N	5023-15395	00000/0000	1-10037/0768	05/12/75	80	4264	56.2	116.1		GGFG				
08737W	2724N	1733-15425	00000/0000	1-10027/0765	07/26/74	100	220	58.5	97.3		PP				
08737W	2721N	1751-15421	00000/0000	1-10027/1497	08/13/74	20	471	56.7	105.5		PPPP				
08738W	4841N	1756-16043	00000/0000	1-10028/0047	08/18/74	40	541	47.9	138.3		PP P				
08739W	4853N	1972-15561	00000/0000	1-10035/1130	03/22/75	100	3553	35.1	142.0		GGFG				
08739W	4139N	5024-15441	00000/0000	1-10037/0804	05/13/75	10	4278	55.1	122.6		FGGG		M		M
08739W	2728N	1859-15384	00000/0000	1-10032/0491	11/29/74	100	1977	33.2	146.3		GP P				
08739W	2724N	1877-15380	00000/0000	1-10032/1033	12/17/74	30	2228	30.6	145.5		FGFF				
08740W	2727N	1949-15345	00000/0000	1-10035/0232	02/27/75	70	3232	39.3	129.6		G GG				
08740W	2726N	1985-15331	00000/0000	1-10036/0681	04/04/75	60	3734	50.2	116.7		GGGG				
08740W	2723N	1931-15354	00000/0000	1-10034/0201	02/09/75	70	2981	34.5	134.7		FF G				
08740W	2720N	1895-15371	00000/0000	1-10033/0672	01/04/75	100	2479	29.9	143.0		GGFG				
08742W	4846N	5008-15543	00000/0000	1-10037/0449	04/27/75	70	4055	48.0	136.4		GGGG				
08743W	4846N	5044-15523	00000/0000	1-10038/0526	06/02/75	40	4557	54.9	128.9		FFGG				
08744W	4844N	5026-15533	00000/0000	1-10037/0813	05/15/75	90	4306	52.4	132.7		GGFG				
08745W	3140N	1788-15451	00000/0000	1-10030/0341	09/19/74	10	987	48.8	131.1		PPGG				
08746W	3141N	1770-15460	00000/0000	1-10029/0661	09/01/74	70	736	52.8	122.1		PPPG				
08748W	4441N	1809-15581	00000/0000	1-10030/1215	10/10/74	0	1280	34.0	149.7		GGGG				
08748W	4429N	1791-15583	00000/0000	1-10030/0459	09/22/74	70	1029	40.1	144.7		GGGG				
08748W	3146N	1806-15444	00000/0000	1-10031/0066	10/07/74	0	1238	43.9	138.8		GGGG				
08749W	3149N	1824-15443	00000/0000	1-10031/0689	10/25/74	90	1489	38.7	144.4		P				
08749W	3137N	1752-15464	00000/0000	1-10027/1781	08/14/74	40	485	55.9	113.0		GGGG				
08750W	3148N	1842-15435	00000/0000	1-10032/0043	11/12/74	0	1740	33.8	147.6		GGPG				
08752W	4439N	1827-15575	00000/0000	1-10031/0644	10/28/74	60	1531	28.2	153.0		GGGP				
08752W	4429N	1773-15592	00000/0000	1-10029/0766	09/04/74	20	778	45.6	138.8		PGGG		M		M
08752W	3144N	1860-15431	00000/0000	1-10032/0598	11/30/74	90	1991	29.8	148.5		GGGP				
08753W	4427N	1755-16000	00000/0000	1-10027/1843	08/17/74	10	527	50.5	132.7		PGGG				
08753W	3144N	1950-15392	00000/0000	1-10035/0510	02/28/75	60	3246	37.4	132.7		FFFG				
08753W	3141N	1878-15422	00000/0000	1-10032/1058	12/18/74	0	2242	27.3	147.5		FFGF				
08753W	3138N	1896-15414	00000/0000	1-10033/0740	01/05/75	10	2493	26.9	144.9		GGGG				
08754W	4440N	1971-15515	00000/0000	1-10038/0019	03/21/75	90	3539	37.4	138.6		FGGG				
08754W	4437N	1935-15533	00000/0000	1-10034/0527	02/13/75	10	3037	24.7	144.3		FGGG				
08754W	4431N	1737-16004	00000/0000	1-10027/0136	07/30/74	70	276	54.4	127.5		GGGG				
08754W	4024N	1808-15534	00000/0000	1-10031/0120	10/09/74	20	1266	37.5	146.4		GGGP				

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08754W 3142N	1968-15383	00000/0000	1-10036/0116	03/18/75	90	3497	43.3	127.6		GGGG	
08754W 3140N	1932-15401	00000/0000	1-10034/0287	02/10/75	100	2995	32.2	137.2		GGFG	
08755W 4433N	1863-15563	00000/0000	1-10032/0711	12/03/74	80	2033	19.2	154.4		PPGP	
08755W 4432N	1881-15554	00000/0000	1-10033/0199	12/21/74	40	2284	17.3	152.8		FFI	
08755W 4428N	1899-15550	00000/0000	1-10033/0763	01/08/75	100	2535	17.6	150.2		FFFG	
08755W 3604N	1807-15491	00000/0000	1-10030/1178	10/08/74	0	1252	40.8	142.8		GGPP	
08755W 3555N	1789-15494	00000/0000	1-10030/0389	09/20/74	60	1001	46.1	136.1		GGPG	
08755W 3141N	1986-15374	00000/0000	1-10036/0692	04/05/75	20	3748	49.1	121.6		GGFG	
08755W 3139N	5004-15364	00000/0000	1-10037/0435	04/23/75	40	3999	53.9	114.6		FGFF	
08756W 4438N	1953-15524	00000/0000	1-10035/0484	03/03/75	30	3288	30.7	141.4		GGGG	
08756W 3556N	1771-15503	00000/0000	1-10029/0744	09/02/74	80	750	50.8	128.2		GGGG	
08756W 3143N	5022-15355	00000/0000	1-10037/0422	05/11/75	10	4250	57.2	107.0		GGGF	
08757W 4012N	1772-15545	00000/0000	1-10029/0809	09/03/74	40	764	48.4	133.7		GGGG	
08758W 4434N	1989-15505	00000/0000	1-10037/0117	04/08/75	10	3790	44.1	135.3		FFGG	
08758W 4434N	5007-15500	00000/0000	1-10037/0591	04/26/75	20	4041	49.9	131.4		FGGF	
08758W 4014N	1790-15541	00000/0000	1-10030/0401	09/21/74	0	1015	43.2	140.6		PGGG	
08758W 3601N	1735-15515	00000/0000	1-10027/0015	07/28/74	80	248	57.5	113.1		PPPG	
08759W 3606N	1825-15490	00000/0000	1-10031/0562	10/26/74	10	1503	35.3	147.5		GGGG	
08759W 3554N	1753-15511	00000/0000	1-10027/1875	08/15/74	30	499	54.5	120.0		GGGG	
08800W 4431N	5043-15481	00000/0000	1-10038/0509	06/01/75	20	4543	56.5	122.2		FFFF	
08800W 4022N	1826-15533	00000/0000	1-10031/0586	10/27/74	30	1517	31.8	150.3		GGGG	
08800W 4013N	1736-15561	00000/0000	1-10027/0027	07/29/74	10	262	56.2	120.5		GGGG	
08800W 3604N	1843-15482	00000/0000	1-10032/0055	11/13/74	20	1754	30.3	150.1		PGPP	
08800W 3557N	1879-15465	00000/0000	1-10033/0191	12/19/74	30	2256	24.0	149.3		GGGG	
08800W 3554N	1897-15461	00000/0000	1-10033/0651	01/06/75	20	2507	23.8	146.8		GGGG	
08801W 4022N	1934-15490	00000/0000	1-10034/0332	02/12/75	20	3023	27.2	142.0		FFGG	
08801W 3602N	1951-15434	00000/0000	1-10035/0833	03/01/75	100	3260	35.3	135.7		GGGG	
08801W 3559N	1933-15443	00000/0000	1-10034/0307	02/11/75	100	3009	29.8	139.7		GGPG	
08802W 4731N	1810-16030	00000/0000	1-10030/1263	10/11/74	40	1294	31.5	151.9		PPPG	
08802W 4428N	5025-15491	00000/0000	1-10038/0231	05/14/75	90	4292	54.2	126.7		PPFP	
08802W 4022N	1844-15524	00000/0000	1-10032/0067	11/14/74	20	1768	26.7	152.4		PGPG	
08802W 4017N	1862-15520	00000/0000	1-10032/0680	12/02/74	20	2019	22.8	152.5		GGGP	
08802W 4010N	1754-15553	00000/0000	1-10027/1827	08/16/74	40	513	52.7	126.6		PPGP	
08802W 3559N	1987-15420	00000/0000	1-10036/0729	04/06/75	0	3762	47.6	126.4		FGFF	
08803W 4020N	1952-15481	00000/0000	1-10035/0547	03/02/75	50	3274	33.1	138.6		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P			
LONG	LAT											C	C	D	D
08803W	4018N	1988-15463	00000/0000	1-10036/0740	04/07/75	10	3776	46.0	130.9		GGGG				
08803W	4010N	1898-15503	00000/0000	1-10033/0749	01/07/75	60	2521	20.8	148.5		GGGG				
08804W	4021N	1970-15472	00000/0000	1-10036/0059	03/20/75	0	3525	39.5	135.0		GGFG				
08804W	4013N	1880-15512	00000/0000	1-10033/0157	12/20/74	90	2270	20.7	151.1		FGGG				
08804W	3558N	5023-15401	00000/0000	1-10037/0769	05/12/75	60	4264	56.6	113.8		GGFG				
08807W	4016N	5006-15453	00000/0000	1-10037/0498	04/25/75	90	4027	51.6	126.0		FGGG				
08808W	4728N	1828-16024	00000/0000	1-10031/0346	10/29/74	100	1545	25.6	154.7		P P				
08808W	4720N	1792-16032	00000/0000	1-10030/0530	09/23/74	60	1043	37.7	147.4		P G				
08809W	4720N	1774-16041	00000/0000	1-10029/0891	09/05/74	0	792	43.5	142.1		P G P				
08809W	4013N	5024-15444	00000/0000	1-10037/0805	05/13/75	10	4278	55.6	120.3		FGGF				
08810W	4730N	1936-15582	00000/0000	1-10034/0203	02/14/75	90	3051	23.0	145.8		GGGG				
08810W	4726N	1846-16020	00000/0000	1-10032/0151	11/16/74	50	1796	20.5	156.0		PGPG				
08810W	4722N	1738-16053	00000/0000	1-10027/0947	07/31/74	50	290	52.9	131.9		GGGG				
08810W	3015N	1770-15462	00000/0000	1-10029/0662	09/01/74	60	736	53.3	120.2		PPPP				
08810W	3014N	1788-15454	00000/0000	1-10030/0342	09/19/74	10	987	49.5	129.5		G P				
08811W	3019N	1806-15451	00000/0000	1-10031/0067	10/07/74	0	1238	44.8	137.6		GGFG				M
08812W	4731N	5080-15505	00000/0000	1-10039/0474	07/08/75	10	5059	54.5	123.6		GGGG				
08812W	4722N	1864-16012	00000/0000	1-10032/0649	12/04/74	80	2047	16.8	155.6		PPP				
08813W	4726N	1954-15573	00000/0000	1-10035/0620	03/04/75	50	3302	29.2	143.2		FGGF				
08813W	4722N	1882-16003	00000/0000	1-10033/0006	12/22/74	40	2298	15.0	153.9		GGFG				
08813W	3023N	1824-15450	00000/0000	1-10031/0690	10/25/74	100	1489	39.7	143.4		P				
08814W	4717N	1900-15595	00000/0000	1-10033/0778	01/09/75	70	2549	15.5	151.3		GGFG				
08814W	3011N	1752-15471	00000/0000	1-10027/1782	08/14/74	70	485	56.2	110.7		GGGG				
08815W	3020N	1842-15441	00000/0000	1-10032/0044	11/12/74	0	1740	34.8	146.8		PGPG				M
08816W	4728N	1972-15564	00000/0000	1-10035/1131	03/22/75	90	3553	36.0	140.8		GGFG				
08817W	3019N	1860-15433	00000/0000	1-10032/0599	11/30/74	80	1991	30.9	147.8		PGGP				
08818W	3018N	1950-15394	00000/0000	1-10035/0511	02/28/75	50	3246	38.1	131.6		FFGG				
08818W	3016N	1968-15385	00000/0000	1-10036/0117	03/18/75	70	3497	43.9	126.2		GGGG				
08818W	3012N	1896-15420	00000/0000	1-10033/0741	01/05/75	20	2493	27.9	144.2		FGGG				M
08819W	4721N	5008-15545	00000/0000	1-10037/0450	04/27/75	80	4055	48.7	134.7		PGGG				
08819W	4721N	5044-15530	00000/0000	1-10038/0527	06/02/75	10	4557	55.5	126.6		FFGF				
08819W	3015N	1986-15380	00000/0000	1-10036/0693	04/05/75	50	3748	49.6	119.9		GGFG				
08819W	3014N	1932-15403	00000/0000	1-10034/0288	02/10/75	80	2995	33.1	136.3		GGGG				
08820W	4720N	5026-15540	00000/0000	1-10037/0814	05/15/75	90	4306	53.1	130.6		PGFF				
08820W	4304N	1791-15590	00000/0000	1-10030/0460	09/22/74	50	1029	41.0	143.5		GGGG				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
08820W	3014N	5004-15371	00000/0000	1-10037/0436	04/23/75	50	3999	54.3	112.4		GGFF					
08821W	4316N	1809-15584	00000/0000	1-10030/1216	10/10/74	0	1280	35.1	148.7		PGGG					
08821W	3438N	1807-15494	00000/0000	1-10030/1179	10/08/74	80	1252	41.8	141.7		GGPG					
08822W	3430N	1789-15500	00000/0000	1-10030/0390	09/20/74	10	1001	47.0	134.6		GGGG					
08823W	3430N	1771-15505	00000/0000	1-10029/0745	09/02/74	90	750	51.4	126.4		GGGG					
08824W	4304N	1773-15594	00000/0000	1-10029/0767	09/04/74	20	778	46.5	137.3		PGGP		M			
08824W	3859N	1808-15541	00000/0000	1-10031/0121	10/09/74	0	1266	38.5	145.3		GGGG					
08825W	4313N	1827-15582	00000/0000	1-10031/0645	10/28/74	40	1531	29.3	152.2		GGGP					
08825W	4302N	1755-16003	00000/0000	1-10027/1844	08/17/74	10	527	51.2	130.8		PGGG					
08825W	3440N	1825-15492	00000/0000	1-10031/0563	10/26/74	10	1503	36.4	146.6		PGGG			M		
08825W	3435N	1735-15521	00000/0000	1-10027/0016	07/28/74	50	248	57.8	110.6		PPGG					
08826W	4315N	1971-15521	00000/0000	1-10038/0020	03/21/75	50	3539	38.2	137.4		FGGG					
08826W	4315N	5079-15463	00000/0000	1-10039/0465	07/07/75	50	5045	55.9	116.6		GGGG					
08826W	4311N	1935-15535	00000/0000	1-10034/0528	02/13/75	10	3037	25.7	143.5		GFGG					
08826W	4306N	1737-16011	00000/0000	1-10027/0137	07/30/74	50	276	55.0	125.3		GGGG					
08826W	3849N	1790-15543	00000/0000	1-10030/0402	09/21/74	10	1015	44.1	139.3		GGGG					
08826W	3847N	1772-15552	00000/0000	1-10029/0810	09/03/74	40	764	49.1	132.1		GGGG					
08826W	3438N	1843-15484	00000/0000	1-10032/0056	11/13/74	0	1754	31.4	149.3		PGPG					
08826W	3429N	1753-15513	00000/0000	1-10027/1876	08/15/74	40	499	55.0	117.9		GGGG					
08827W	4307N	1881-15561	00000/0000	1-10033/0200	12/21/74	80	2284	18.4	152.2		FFFP					
08827W	4303N	1899-15552	00000/0000	1-10033/0764	01/08/75	100	2535	18.7	149.6		FFFG					
08827W	3432N	1879-15471	00000/0000	1-10033/0192	12/19/74	30	2256	25.1	148.7		GGFG					
08827W	3428N	1897-15463	00000/0000	1-10033/0652	01/06/75	0	2507	24.9	146.1		FGGG					
08828W	4312N	1953-15530	00000/0000	1-10035/0485	03/03/75	10	3288	31.6	140.4		GGGG					
08828W	4310N	1845-15573	00000/0000	1-10032/0142	11/15/74	30	1782	24.2	153.8		GGP					
08828W	3848N	1736-15564	00000/0000	1-10027/0028	07/29/74	20	262	56.6	118.1		GGGG					
08828W	3436N	1951-15441	00000/0000	1-10035/0834	03/01/75	50	3260	36.1	134.7		GGGG					
08828W	3433N	1933-15450	00000/0000	1-10034/0308	02/11/75	100	3009	30.7	138.8		FGGF					
08829W	3856N	1826-15535	00000/0000	1-10031/0587	10/27/74	50	1517	32.9	149.5		GGGP					
08829W	3433N	1987-15423	00000/0000	1-10036/0730	04/06/75	10	3762	48.3	124.7		GGGG					
08830W	4309N	1989-15512	00000/0000	1-10037/0118	04/08/75	20	3790	44.8	133.8		FFGG					
08830W	4309N	5007-15502	00000/0000	1-10037/0592	04/26/75	30	4041	50.6	129.5		FGGG					
08830W	3856N	1934-15492	00000/0000	1-10034/0333	02/12/75	20	3023	28.2	141.2		GFGG					
08831W	3856N	1844-15531	00000/0000	1-10032/0068	11/14/74	20	1768	27.8	151.7		GGGG					
08831W	3852N	1862-15522	00000/0000	1-10032/0681	12/02/74	90	2019	23.9	151.9		GGGP					

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ERTS-1
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STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D			
LONG	LAT		RBV	MSS								C	C	D	D
08831W	3845N	1754-15560	00000/0000	1-10027/1828	08/16/74	60	513	53.3	124.6		PPPP				
08831W	3433N	5023-15404	00000/0000	1-10037/0770	05/12/75	20	4264	56.9	111.4		GGFG			M	
08832W	3854N	1952-15484	00000/0000	1-10035/0548	03/02/75	80	3274	33.9	137.6		FGGG				
08832W	3852N	1988-15465	00000/0000	1-10036/0741	04/07/75	10	3776	46.7	129.3		FGGG				
08832W	3844N	1898-15510	00000/0000	1-10033/0750	01/07/75	70	2521	21.8	147.9		GGGG				
08833W	3848N	1880-15514	00000/0000	1-10033/0158	12/20/74	60	2270	21.8	150.5		FGFG				
08834W	4303N	5025-15493	00000/0000	1-10038/0232	05/14/75	100	4292	54.7	124.5		FGGF				
08834W	2852N	1806-15453	00000/0000	1-10031/0068	10/07/74	10	1238	45.7	136.2		PGGF				
08834W	2849N	1770-15465	00000/0000	1-10029/0663	09/01/74	60	736	53.8	118.1		PPPP				
08835W	3851N	5006-15460	00000/0000	1-10037/0499	04/25/75	80	4027	52.1	124.0		GGGG				
08837W	4607N	1810-16073	00000/0000	1-10030/1264	10/11/74	70	1294	32.6	150.9		QPGG				
08837W	3848N	5024-15460	00000/0000	1-10037/0806	05/13/75	0	4278	56.0	118.0		FGGG				
08837W	2845N	1752-15473	00000/0000	1-10027/1783	08/14/74	60	485	56.4	108.4		PGGG				
08838W	2857N	1824-15452	00000/0000	1-10031/0691	10/25/74	80	1489	40.7	142.3		P				
08839W	2854N	1842-15444	00000/0000	1-10032/0045	11/12/74	10	1740	35.9	145.9		PPGP				
08841W	2853N	1860-15440	00000/0000	1-10032/0600	11/30/74	80	1991	31.9	147.1		PPGG				
08842W	4555N	1792-16035	00000/0000	1-10030/0531	09/23/74	30	1043	38.7	146.2		PGGG				
08842W	2846N	1896-15423	00000/0000	1-10033/0742	01/05/75	40	2493	28.9	143.5		GGGG				
08843W	4603N	1828-16031	00000/0000	1-10031/0347	10/29/74	100	1545	26.7	153.9		P P				
08843W	2850N	1968-15392	00000/0000	1-10036/0118	03/18/75	70	3497	44.5	124.7		FGGG				
08843W	2848N	1932-15410	00000/0000	1-10034/0289	02/10/75	50	2995	34.0	135.4		GGGG				
08844W	4555N	1774-16044	00000/0000	1-10029/0892	09/05/74	10	792	44.4	140.7		GG G				
08844W	2848N	5004-15373	00000/0000	1-10037/0437	04/23/75	30	3999	54.5	110.3		GGGG				
08845W	4605N	1936-15584	00000/0000	1-10034/0204	02/14/75	80	3051	24.0	145.0		FGGG				
08845W	4556N	1738-16060	00000/0000	1-10027/0948	07/31/74	40	290	53.6	129.8		GGGG				
08846W	4601N	1846-16023	00000/0000	1-10032/0152	11/16/74	50	1796	21.6	155.3		PPPG				
08847W	4606N	5080-15512	00000/0000	1-10039/0475	07/08/75	40	5059	55.0	121.3		GGGG				
08847W	4556N	1864-16014	00000/0000	1-10032/0650	12/04/74	90	2047	17.9	154.9		PP P				
08847W	3304N	1789-15503	00000/0000	1-10030/0391	09/20/74	10	1001	47.8	133.1		GGGG				
08848W	4601N	1954-15575	00000/0000	1-10035/0621	03/04/75	10	3302	30.2	142.2		GGGG				
08848W	4557N	1882-16010	00000/0000	1-10033/0007	12/22/74	80	2298	16.1	153.3		GGFG				
08848W	4552N	1900-16002	00000/0000	1-10033/0779	01/09/75	80	2549	16.6	150.7		FGFF				
08848W	4551N	1756-16052	00000/0000	1-10028/0048	08/18/74	50	541	49.5	134.8		PP P				
08848W	3313N	1807-15500	00000/0000	1-10030/1180	10/08/74	80	1252	42.7	140.5		GGGG				
08849W	3305N	1771-15512	00000/0000	1-10029/0746	09/02/74	80	750	52.0	124.5		PGGG				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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 COORDINATE LISTING WITH PRODUCT DATA
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PAGE 0442

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
08850W	4919N	1937-16093	00000/0000	1-10034/0395	02/15/75	40	3065	22.1	146.7		GGGG				
08851W	4602N	1972-15570	00000/0000	1-10035/1132	03/22/75	90	3553	36.9	139.6		GGP G				
08851W	4139N	1791-15592	00000/0000	1-10030/0461	09/22/74	20	1029	42.0	142.2		GGPG				
08851W	3314N	1825-15495	00000/0000	1-10031/0564	10/26/74	10	1503	37.4	145.6		GGGG				M
08851W	3309N	1735-15524	00000/0000	1-10027/0017	07/28/74	80	248	58.0	108.2		PPPG				
08851W	3303N	1753-15520	00000/0000	1-10027/1877	08/15/74	30	499	55.4	115.7		GGGG				
08852W	4152N	1809-15590	00000/0000	1-10030/1217	10/10/74	0	1280	36.1	147.7		GGGG				
08852W	3733N	1808-15543	00000/0000	1-10030/1197	10/09/74	0	1266	39.5	144.3		PGG				
08852W	3312N	1843-15491	00000/0000	1-10032/0057	11/13/74	0	1754	32.5	148.5		GGPP				
08852W	3306N	1879-15474	00000/0000	1-10033/0193	12/19/74	70	2256	26.2	148.1		GFFG				
08853W	4854N	1811-16082	00000/0000	1-10030/1300	10/12/74	30	1308	30.1	153.0		PGGG				
08853W	4557N	5044-15592	00000/0000	1-10038/0528	06/02/75	40	4557	56.1	124.3		FFGG				
08853W	4556N	5008-15552	00000/0000	1-10037/0451	04/27/75	90	4055	49.5	132.9		GGGG				
08853W	3303N	1897-15470	00000/0000	1-10033/0653	01/06/75	10	2507	25.9	145.4		GGGG				
08854W	3724N	1790-15550	00000/0000	1-10030/0403	09/21/74	20	1015	45.0	137.9		GGGG				
08854W	3721N	1772-15554	00000/0000	1-10029/0811	09/03/74	50	764	49.8	130.4		GGGG				
08854W	3310N	1951-15443	00000/0000	1-10035/0835	03/01/75	30	3260	36.9	133.6		GGGG				
08854W	3307N	1933-15452	00000/0000	1-10034/0309	02/11/75	100	3009	31.6	137.9		FGGG				
08855W	4857N	1829-16080	00000/0000	1-10031/0759	10/30/74	100	1559	24.1	155.7		GP GG				
08855W	4554N	5026-15542	00000/0000	1-10037/0815	05/15/75	90	4306	53.7	128.5		FFFF				
08855W	4138N	1773-16001	00000/0000	1-10029/0768	09/04/74	40	778	47.3	135.7		PPGG				M
08855W	3307N	1987-15425	00000/0000	1-10036/0731	04/06/75	10	3762	48.8	123.0		GGGG				
08856W	4844N	1793-16084	00000/0000	1-10030/0552	09/24/74	90	1057	36.4	148.8		GP GP				
08856W	4147N	1827-15584	00000/0000	1-10031/0646	10/28/74	20	1531	30.4	151.3		PGGG				
08856W	4137N	1755-16005	00000/0000	1-10027/1845	08/17/74	10	527	51.9	129.0		PPGG				
08856W	3722N	1736-15570	00000/0000	1-10027/0029	07/29/74	30	262	57.0	115.8		GGGG				
08857W	4149N	5079-15465	00000/0000	1-10039/0466	07/07/75	50	5045	56.2	114.2		GGGG				
08857W	4140N	1737-16013	00000/0000	1-10027/0138	07/30/74	20	276	55.5	123.1		GGGG				
08857W	4138N	1899-15555	00000/0000	1-10033/0765	01/08/75	100	2535	19.7	149.0		FPFF				
08857W	3730N	1826-15542	00000/0000	1-10031/0588	10/27/74	50	1517	34.0	148.6		GGGP				
08857W	3307N	5023-15410	00000/0000	1-10037/0771	05/12/75	30	4264	57.1	109.0		FGFG				
08857W	2727N	1806-15460	00000/0000	1-10031/0069	10/07/74	20	1238	46.5	134.8		GGGG				
08857W	2724N	1788-15463	00000/0000	1-10030/0343	09/19/74	20	987	50.8	126.1		G P				
08858W	4858N	5081-15561	00000/0000	1-10039/0487	07/09/75	40	5073	53.8	126.0		GGGG				
08858W	4851N	1847-16072	00000/0000	1-10032/0185	11/17/74	20	1810	19.1	156.7		G				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
08858W	4149N	1971-15524	00000/0000	1-10038/0021	03/21/75	50	3539	39.1	136.1		FGGG				
08858W	4146N	1935-15542	00000/0000	1-10034/0529	02/13/75	30	3037	26.6	142.7		GGFG				
08858W	3731N	1934-15495	00000/0000	1-10034/0334	02/12/75	50	3023	29.1	140.4		GGFG				
08858W	3719N	1754-15562	00000/0000	1-10027/1829	08/16/74	30	513	53.9	122.6		GGGP				
08859W	4849N	1865-16063	00000/0000	1-10032/0833	12/05/74	90	2061	15.4	156.2		PPPP				
08859W	4844N	1775-16093	00000/0000	1-10029/0905	09/06/74	90	806	42.3	143.8		GGGG				
08859W	4145N	1845-15580	00000/0000	1-10032/0143	11/15/74	0	1782	25.3	153.1		GGG				
08859W	4142N	1863-15572	00000/0000	1-10032/0712	12/03/74	30	2033	21.5	153.1		PGPP				
08859W	4142N	1881-15563	00000/0000	1-10033/0201	12/21/74	90	2284	19.5	151.6		FFPP				
08859W	3730N	1844-15533	00000/0000	1-10032/0069	11/14/74	10	1768	28.9	150.9		GGGG				
08859W	3726N	1862-15525	00000/0000	1-10032/0682	12/02/74	50	2019	25.0	151.2		GGGP				
08859W	2723N	1770-15471	00000/0000	1-10029/0664	09/01/74	60	736	54.2	116.1		PPPP				
08900W	4901N	1955-16024	00000/0000	1-10035/0636	03/05/75	100	3316	28.6	144.2		FGFG				
08900W	4146N	1953-15533	00000/0000	1-10035/0486	03/03/75	10	3288	32.5	139.4		GGGG				
08900W	3730N	1970-15481	00000/0000	1-10036/0060	03/20/75	0	3525	41.1	132.5		GGGG				
08900W	3728N	1952-15490	00000/0000	1-10035/0549	03/02/75	80	3274	34.8	136.5		GGFG				
08900W	3726N	1988-15472	00000/0000	1-10036/0742	04/07/75	10	3776	47.3	127.7		GGGG				
08900W	3723N	1880-15521	00000/0000	1-10033/0159	12/20/74	70	2270	22.9	149.9		FGGG				
08900W	3718N	1898-15512	00000/0000	1-10033/0751	01/07/75	60	2521	22.9	147.2		GGFG				
08901W	4143N	5007-15505	00000/0000	1-10037/0593	04/26/75	60	4041	51.2	127.6		PFGG				
08901W	2719N	1752-15480	00000/0000	1-10027/1784	08/14/74	50	485	56.6	106.1		GGGG				
08902W	4847N	1739-16105	00000/0000	1-10027/1029	08/01/74	80	304	52.0	134.2		GGGG				
08902W	4845N	1883-16055	00000/0000	1-10033/0241	12/23/74	90	2312	13.8	154.4		FFFG				
08902W	4843N	1757-16101	00000/0000	1-10028/0080	08/19/74	70	555	47.6	138.6		GGGG				
08903W	4856N	1973-16020	00000/0000	1-10036/0221	03/23/75	10	3567	35.5	141.9		FFFG				
08903W	4841N	1901-16051	00000/0000	1-10033/0828	01/10/75	100	2563	14.6	151.8		FFFG				
08903W	3725N	5006-15462	00000/0000	1-10037/0500	04/25/75	80	4027	52.7	122.1		GGGG				
08904W	4137N	5025-15500	00000/0000	1-10038/0233	05/14/75	90	4292	55.3	122.3		PGGF				
08905W	3722N	5024-15453	00000/0000	1-10037/0807	05/13/75	0	4278	56.4	115.7		FFFG				
08906W	2720N	1896-15425	00000/0000	1-10033/0743	01/05/75	50	2493	29.9	142.8		GGGG				
08907W	2722N	5004-15380	00000/0000	1-10037/0438	04/23/75	40	3999	54.8	108.1		GGFG				
08907W	2721N	1932-15412	00000/0000	1-10034/0290	02/10/75	50	2995	34.8	134.4		GGGG				
08908W	4845N	5009-16001	00000/0000	1-10037/0466	04/28/75	10	4069	48.2	136.2		GGGG				
08909W	4848N	5027-15591	00000/0000	1-10038/0237	05/16/75	10	4320	52.6	132.5		PFGG				
08909W	4846N	5045-15581	00000/0000	1-10038/0483	06/03/75	70	4571	55.0	128.7		FGG				

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08911W 4442N	1810-16035	00000/0000	1-10030/1265	10/11/74	90	1294	33.6	150.0		GGGG	
08912W 3138N	1789-15505	00000/0000	1-10030/0392	09/20/74	10	1001	48.5	131.6		GGG	
08913W 3147N	1807-15503	00000/0000	1-10030/1181	10/08/74	0	1252	43.6	139.2		GGGG	
08914W 4431N	1792-16041	00000/0000	1-10030/0532	09/23/74	70	1043	39.7	145.0		PGP	
08914W 3140N	1771-15514	00000/0000	1-10029/0747	09/02/74	70	750	52.6	122.6		GGGG	
08917W 4438N	1828-16033	00000/0000	1-10031/0349	10/29/74	100	1545	27.9	153.1		PPP	
08917W 4430N	1774-16050	00000/0000	1-10029/0893	09/05/74	10	792	45.3	139.2		GGGG	
08917W 3149N	1825-15501	00000/0000	1-10031/0565	10/26/74	0	1503	38.4	144.6		PPPP	M
08917W 3144N	1735-15530	00000/0000	1-10027/0018	07/28/74	90	248	58.2	105.7		PGPG	
08918W 3146N	1843-15493	00000/0000	1-10032/0058	11/13/74	0	1754	33.5	147.7		GGGG	
08918W 3140N	1879-15480	00000/0000	1-10033/0194	12/19/74	100	2256	27.2	147.4		GGGG	
08918W 3137N	1897-15472	00000/0000	1-10033/0654	01/06/75	30	2507	26.9	144.8		GGGG	
08919W 4439N	1936-15591	00000/0000	1-10034/0205	02/14/75	90	3051	25.0	144.2		GGGG	
08919W 4431N	1738-16062	00000/0000	1-10027/0949	07/31/74	30	290	54.2	127.7		GGGG	
08919W 3141N	1933-15455	00000/0000	1-10034/0310	02/11/75	90	3009	32.5	137.0		GGGG	
08920W 4440N	5080-15514	00000/0000	1-10039/0476	07/08/75	60	5059	55.4	119.0		GGGF	
08920W 4435N	1846-16025	00000/0000	1-10032/0153	11/16/74	80	1796	22.8	154.6		GPG	
08920W 3607N	1808-15550	00000/0000	1-10031/0122	10/09/74	10	1266	40.5	143.1		GGGG	
08920W 3559N	1790-15552	00000/0000	1-10030/0404	09/21/74	70	1015	45.8	136.5		GGGG	
08920W 3144N	1951-15450	00000/0000	1-10035/0836	03/01/75	40	3260	37.7	132.5		GGGG	
08920W 3141N	1987-15432	00000/0000	1-10036/0732	04/06/75	70	3762	49.4	121.3		GGGG	
08921W 4431N	1864-16021	00000/0000	1-10032/0651	12/04/74	40	2047	19.1	154.3		PGPG	
08921W 4014N	1791-15595	00000/0000	1-10030/0462	09/22/74	10	1029	42.9	141.0		GGGG	
08921W 2557N	1788-15465	00000/0000	1-10030/0344	09/19/74	30	987	51.5	124.4		PPGG	
08922W 4436N	1954-15582	00000/0000	1-10035/0622	03/04/75	0	3302	31.1	141.2		GGGG	
08922W 4432N	1882-16012	00000/0000	1-10033/0008	12/22/74	100	2298	17.2	152.7		FFFF	
08922W 4427N	1900-16004	00000/0000	1-10033/0780	01/09/75	90	2549	17.7	150.1		FFFF	
08922W 4026N	1809-15593	00000/0000	1-10030/1218	10/10/74	0	1280	37.1	146.7		GGGG	
08922W 3556N	1772-15561	00000/0000	1-10029/0812	09/03/74	60	764	50.5	128.6		GGGG	
08922W 3141N	5023-15413	00000/0000	1-10037/0772	05/12/75	30	4264	57.3	106.6		FGFG	
08923W 4437N	1972-15573	00000/0000	1-10035/1133	03/22/75	70	3553	37.8	138.4		FGFG	
08924W 3605N	5078-15425	00000/0000	1-10039/0380	07/06/75	90	5031	57.1	104.3		GGFG	
08924W 3557N	1736-15573	00000/0000	1-10027/0030	07/29/74	20	262	57.4	113.4		GGGG	
08925W 4013N	1773-16003	00000/0000	1-10029/0769	09/04/74	40	778	48.1	134.1		PGGG	
08925W 4012N	1755-16012	00000/0000	1-10027/1846	08/17/74	10	527	52.5	127.0		GGGG	

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0445

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08925W 3605N	1934-15501	00000/0000	1-10034/0350	02/12/75	80	3023	30.0	139.5		GGGG	
08925W 3604N	1826-15544	00000/0000	1-10031/0589	10/27/74	20	1517	35.0	147.7		GGGG	
08925W 3554N	1754-15565	00000/0000	1-10027/1830	08/16/74	20	513	54.4	120.5		GGGG	
08926W 4022N	1827-15591	00000/0000	1-10031/0647	10/28/74	40	1531	31.5	150.5		GGGG	
08926W 3604N	1844-15540	00000/0000	1-10032/0070	11/14/74	40	1768	30.0	150.2		PPPG	
08926W 3601N	1862-15531	00000/0000	1-10032/0683	12/02/74	90	2019	26.1	150.6		GGGP	
08926W 3557N	1880-15523	00000/0000	1-10033/0160	12/20/74	60	2270	24.0	149.2		FGGG	
08927W 4755N	1937-16035	00000/0000	1-10034/0396	02/15/75	70	3065	23.0	145.9		GGGG	
08927W 4432N	5044-15535	00000/0000	1-10038/0529	06/02/75	20	4557	56.6	122.0		FGGG	
08927W 4024N	5079-15472	00000/0000	1-10039/0467	07/07/75	60	5045	56.5	111.8		GGGG	
08927W 4021N	1935-15544	00000/0000	1-10034/0530	02/13/75	100	3037	27.6	141.8		GFGG	
08927W 4014N	1737-16020	00000/0000	1-10027/0139	07/30/74	30	276	56.0	120.8		GGGG	
08927W 4013N	1899-15561	00000/0000	1-10033/0766	01/08/75	100	2535	20.8	148.4		FFFF	
08927W 3602N	1952-15493	00000/0000	1-10035/0550	03/02/75	50	3274	35.6	135.5		GGGG	
08928W 4429N	5026-15545	00000/0000	1-10037/0816	05/15/75	80	4306	54.4	126.4		FFFG	
08928W 4023N	1971-15530	00000/0000	1-10038/0022	03/21/75	30	3539	39.9	134.8		FGGG	
08928W 3600N	1988-15474	00000/0000	1-10036/0743	04/07/75	60	3776	48.0	126.1		GFGG	
08928W 3552N	1898-15515	00000/0000	1-10033/0752	01/07/75	50	2521	23.9	146.6		GGGG	
08929W 4017N	1881-15570	00000/0000	1-10033/0202	12/21/74	90	2284	20.6	151.0		FFPF	
08929W 4016N	1863-15574	00000/0000	1-10032/0713	12/03/74	0	2033	22.6	152.5		GGGG	
08930W 4021N	1953-15535	00000/0000	1-10035/0487	03/03/75	10	3288	33.4	138.4		GFGG	
08930W 4019N	1845-15582	00000/0000	1-10032/0144	11/15/74	0	1782	26.4	152.4		GPG	
08930W 3559N	5006-15465	00000/0000	1-10037/0501	04/25/75	30	4027	53.2	120.0		FGGG	
08931W 4729N	1811-16085	00000/0000	1-10030/1301	10/12/74	30	1308	31.2	152.1		PGPP	
08932W 4732N	1829-16083	00000/0000	1-10031/0760	10/30/74	100	1559	25.2	154.9		GPPG	
08932W 4017N	5007-15511	00000/0000	1-10037/0594	04/26/75	50	4041	51.8	125.7		PGGG	
08932W 3556N	5024-15455	00000/0000	1-10037/0808	05/13/75	20	4278	56.8	113.4		FGGG	
08933W 4719N	1793-16091	00000/0000	1-10030/0553	09/24/74	80	1057	37.4	147.7		GPGP	
08933W 4016N	5043-15492	00000/0000	1-10038/0510	06/01/75	50	4543	57.7	114.9		PFGF	
08934W 4012N	5025-15502	00000/0000	1-10038/0234	05/14/75	40	4292	55.8	120.0		GFGG	
08935W 4734N	5081-15563	00000/0000	1-10039/0488	07/09/75	40	5073	54.3	123.7		GGGG	
08935W 4725N	1847-16074	00000/0000	1-10032/0187	11/17/74	10	1810	20.2	156.0		PPPG	
08935W 4719N	1775-16095	00000/0000	1-10029/0906	09/06/74	90	806	43.2	142.4		GGGG	
08936W 4725N	1865-16070	00000/0000	1-10032/0834	12/05/74	50	2061	16.6	155.5		PPPP	
08937W 4736N	1955-16031	00000/0000	1-10035/0637	03/05/75	100	3316	29.5	143.2		GGGG	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
08937W	3020N	1807-15505	00000/0000	1-10030/1182	10/08/74	0	1252	44.5	138.0		PGPG		M		M	
08937W	3013N	1789-15512	00000/0000	1-10030/0393	09/20/74	40	1001	49.3	130.0		GGG					
08939W	4721N	1739-16111	00000/0000	1-10027/1030	08/01/74	90	304	52.7	132.1		GGGG					
08939W	4721N	1883-16062	00000/0000	1-10033/0242	12/23/74	100	2312	15.0	153.7		FFPG					
08939W	4717N	1757-16104	00000/0000	1-10028/0081	08/19/74	30	555	48.4	136.9		PPGG		M			
08939W	4717N	1901-16053	00000/0000	1-10033/0829	01/10/75	100	2563	15.6	151.2		FF F					
08939W	3014N	1771-15521	00000/0000	1-10029/0748	09/02/74	60	750	53.1	120.7		GGGG					
08940W	4731N	1973-16022	00000/0000	1-10036/0222	03/23/75	90	3567	36.4	140.7		FFFF					
08941W	3011N	1753-15525	00000/0000	1-10027/1878	08/15/74	30	499	56.0	111.2		GPG					
08942W	3022N	1825-15504	00000/0000	1-10031/0566	10/26/74	10	1503	39.5	143.6		GGGG				M	
08942W	3021N	1843-15500	00000/0000	1-10032/0059	11/13/74	0	1754	34.6	146.9		PGGP				M	
08942W	3018N	1735-15533	00000/0000	1-10027/0019	07/28/74	70	248	58.3	103.2		PGPG					
08943W	3014N	1879-15483	00000/0000	1-10033/0195	12/19/74	100	2256	28.3	146.7		GFGF					
08943W	3012N	1897-15475	00000/0000	1-10033/0655	01/06/75	10	2507	27.9	144.0		GGGG				M	
08944W	4719N	5009-16003	00000/0000	1-10037/0467	04/28/75	70	4069	49.0	134.5		FGGG					
08944W	4316N	1810-16042	00000/0000	1-10030/1266	10/11/74	100	1294	34.7	149.0		PPGP					
08944W	3015N	1933-15461	00000/0000	1-10034/0311	02/11/75	40	3009	33.3	136.1		GGGG					
08945W	4722N	5027-15594	00000/0000	1-10038/0238	05/16/75	0	4320	53.3	130.4		PFFG					
08945W	4721N	5045-15584	00000/0000	1-10038/0559	06/03/75	40	4571	55.6	126.4		GGFG				M	
08946W	4306N	1792-16044	00000/0000	1-10030/0533	09/23/74	90	1043	40.7	143.8		GGR					
08946W	3433N	1790-15555	00000/0000	1-10030/0405	09/21/74	90	1015	46.7	135.1		GGGG					
08947W	3442N	1808-15552	00000/0000	1-10031/0123	10/09/74	20	1266	41.4	142.0		GGPG					
08947W	3016N	5023-15415	00000/0000	1-10037/0773	05/12/75	50	4264	57.4	104.2		FGFG					
08947W	3013N	5005-15425	00000/0000	1-10037/0399	04/24/75	60	4013	54.5	112.0		FGRG					
08948W	4305N	1774-16053	00000/0000	1-10029/0894	09/05/74	10	792	46.2	137.7		GGGG				M	
08949W	3431N	1772-15563	00000/0000	1-10029/0813	09/03/74	90	764	51.2	126.8		GGGG					
08950W	4313N	1828-16040	00000/0000	1-10031/0350	10/29/74	100	1545	29.0	152.3		PGPP					
08950W	3849N	1791-16001	00000/0000	1-10030/0463	09/22/74	10	1029	43.8	139.6		GGGG					
08951W	4306N	1738-16065	00000/0000	1-10027/0950	07/31/74	30	290	54.8	125.6		GGGG					
08951W	3431N	1736-15575	00000/0000	1-10027/0031	07/29/74	10	262	57.7	110.9		GGGG					
08951W	3429N	1754-15571	00000/0000	1-10027/1831	08/16/74	20	513	54.8	118.3		GPPG					
08952W	4315N	5080-15521	00000/0000	1-10039/0477	07/08/75	40	5059	55.8	116.6		GGGG					
08952W	4314N	1936-15593	00000/0000	1-10034/0206	02/14/75	90	3051	25.9	143.3		GGGG					
08952W	4310N	1846-16032	00000/0000	1-10032/0154	11/16/74	40	1796	23.9	153.9		PPP					
08952W	3901N	1809-15595	00000/0000	1-10030/1219	10/10/74	0	1280	38.2	145.6		GGPG					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
08952W 3439N	1934-15504	00000/0000	1-10034/0351	02/12/75	100	3023	30.9	138.6		GF GG	
08952W 3438N	1826-15551	00000/0000	1-10031/0590	10/27/74	10	1517	36.1	146.8		GG GG	
08953W 4307N	1864-16023	00000/0000	1-10032/0652	12/04/74	80	2047	20.2	153.7		PP GG	
08953W 3437N	1844-15542	00000/0000	1-10032/0071	11/14/74	90	1768	31.1	149.4		GG PP	
08953W 3436N	1952-15495	00000/0000	1-10035/0551	03/02/75	10	3274	36.4	134.4		FG FG	
08953W 3435N	1862-15534	00000/0000	1-10032/0684	12/02/74	50	2019	27.2	149.9		GG GG	
08953W 3432N	1880-15530	00000/0000	1-10033/0161	12/20/74	90	2270	25.0	148.6		FG GG	
08954W 4311N	1954-15584	00000/0000	1-10035/0623	03/04/75	0	3302	32.0	140.2		GG GG	
08954W 4307N	1882-16015	00000/0000	1-10033/0009	12/22/74	90	2298	18.3	152.1		FFFF	
08954W 4302N	1900-16011	00000/0000	1-10033/0781	01/09/75	100	2549	18.8	149.4		FF FF	
08954W 4301N	1756-16061	00000/0000	1-10028/0049	08/18/74	10	541	50.9	131.2		PP PG	
08954W 3847N	1773-16010	00000/0000	1-10029/0770	09/04/74	30	778	48.9	132.5		GG GG	
08954W 3846N	1755-16014	00000/0000	1-10027/1847	08/17/74	10	527	53.1	125.0		PP GG	
08954W 3438N	1970-15490	00000/0000	1-10036/0061	03/20/75	0	3525	42.5	129.8		GG GF	
08954W 3427N	1898-15521	00000/0000	1-10033/0753	01/07/75	70	2521	24.9	145.9		GG FG	
08955W 4311N	1972-15575	00000/0000	1-10035/1134	03/22/75	40	3553	38.6	137.1		GG FG	
08955W 3859N	5079-15474	00000/0000	1-10039/0468	07/07/75	60	5045	56.7	109.3		GG GG	
08955W 3856N	1827-15593	00000/0000	1-10031/0648	10/28/74	40	1531	32.6	149.7		GG GG	
08955W 3434N	1988-15481	00000/0000	1-10036/0744	04/07/75	60	3776	48.6	124.4		GF GG	
08956W 3849N	1737-16022	00000/0000	1-10027/0140	07/30/74	20	276	56.5	118.5		GG GG	
08956W 3847N	1899-15564	00000/0000	1-10033/0767	01/08/75	100	2535	21.8	147.7		GF FF	
08956W 3433N	5006-15471	00000/0000	1-10037/0502	04/25/75	10	4027	53.6	118.0		FF FF	
08957W 3855N	1935-15551	00000/0000	1-10034/0531	02/13/75	80	3037	28.5	141.0		GG FG	
08958W 4304N	5008-15561	00000/0000	1-10037/0452	04/27/75	100	4055	50.9	129.2		FG FG	
08958W 3857N	1971-15533	00000/0000	1-10038/0023	03/21/75	10	3539	40.7	133.6		FG GG	
08958W 3851N	1881-15572	00000/0000	1-10033/0203	12/21/74	90	2284	21.7	150.4		FG FF	
08958W 3850N	1863-15581	00000/0000	1-10032/0714	12/03/74	0	2033	23.7	151.8		GG GG	
08959W 4306N	5044-15541	00000/0000	1-10038/0530	06/02/75	20	4557	57.0	119.6		FF GG	
08959W 3855N	1953-15542	00000/0000	1-10035/0488	03/03/75	10	3288	34.2	137.4		GG GG	
08959W 3854N	1845-15585	00000/0000	1-10032/0140	11/15/74	0	1782	27.6	151.7		G GG	
08959W 3431N	5024-15462	00000/0000	1-10037/0809	05/13/75	10	4278	57.0	111.0		FG GG	
09000W 4304N	5026-15551	00000/0000	1-10037/0817	05/15/75	90	4306	54.9	124.2		GF FG	
09001W 3851N	5007-15514	00000/0000	1-10037/0595	04/26/75	60	4041	52.4	123.7		FFFF	
09001W 2855N	1807-15512	00000/0000	1-10030/1183	10/08/74	20	1252	45.4	136.6		GG PG	
09002W 3850N	5043-15495	00000/0000	1-10038/0511	06/01/75	30	4543	58.0	112.4		FF GG	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN FLEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09002W	2849N	1789-15514	00000/0000	1-10030/0394	09/20/74	50	1001	50.0	128.3		PGGG				
09003W	4630N	1937-16042	00000/0000	1-10034/0397	02/15/75	100	3065	24.0	145.1		GGGG				
09003W	3847N	5025-15505	00000/0000	1-10038/0235	05/14/75	10	4292	56.2	117.7		FFFG				M
09005W	2846N	1753-15531	00000/0000	1-10027/1879	08/15/74	30	499	56.3	108.9		GG				
09006W	4604N	1811-16091	00000/0000	1-10030/1302	10/12/74	20	1308	32.3	151.1		PGPG				
09006W	2854N	1843-15502	00000/0000	1-10032/0060	11/13/74	0	1754	35.7	146.0		PPPP				
09006W	2852N	1735-15535	00000/0000	1-10027/0020	07/28/74	60	248	58.3	100.7		PPPG				
09007W	4554N	1793-16093	00000/0000	1-10030/0554	09/24/74	50	1057	38.4	146.5		GGGG				
09007W	2848N	1879-15485	00000/0000	1-10033/0196	12/19/74	100	2256	29.4	146.0		GGGG				
09007W	2846N	1897-15481	00000/0000	1-10033/0656	01/06/75	10	2507	28.9	143.3		GGGG				
09008W	4607N	1829-16085	00000/0000	1-10031/0761	10/30/74	90	1559	26.4	154.1		GPPG				
09008W	2848N	1987-15441	00000/0000	1-10036/0733	04/06/75	90	3762	50.3	117.7		FFGG				
09009W	2849N	1933-15464	00000/0000	1-10034/0312	02/11/75	30	3009	34.2	135.2		FGGG				
09010W	4609N	5081-15570	00000/0000	1-10039/0489	07/09/75	50	5073	54.8	121.4		GGGG				
09010W	4555N	1775-16102	00000/0000	1-10029/0907	09/06/74	100	806	44.1	141.0		GGGG				
09011W	4611N	1955-16033	00000/0000	1-10035/0638	03/05/75	100	3316	30.4	142.2		FGGF				
09011W	4600N	1847-16081	00000/0000	1-10032/0188	11/17/74	0	1810	21.4	155.3		GGGG				
09011W	4600N	1865-16072	00000/0000	1-10032/0835	12/05/74	0	2061	17.7	154.9		PPPG				
09011W	2848N	5005-15431	00000/0000	1-10037/0400	04/24/75	20	4013	54.7	109.9		GPFF				
09012W	4552N	1757-16110	00000/0000	1-10028/0082	08/19/74	10	555	49.2	135.1		PPGP				M
09012W	3306N	1790-15561	00000/0000	1-10030/0406	09/21/74	60	1015	47.5	133.6		PGGG				
09013W	4556N	1739-16114	00000/0000	1-10027/1031	08/01/74	70	304	53.4	130.1		GGGG				
09013W	3316N	1808-15555	00000/0000	1-10031/0124	10/09/74	40	1266	42.4	140.8		GGPG				
09014W	4555N	1883-16064	00000/0000	1-10033/0243	12/23/74	50	2312	16.1	153.1		FFFG				
09014W	4552N	1901-16060	00000/0000	1-10033/0830	01/10/75	100	2563	16.7	150.5		GF F				
09015W	4606N	1973-16025	00000/0000	1-10036/0223	03/23/75	100	3567	37.3	139.5		FFPF				
09015W	3304N	1772-15570	00000/0000	1-10029/0814	09/03/74	100	764	51.8	125.0		GGGG				
09016W	4151N	1810-16044	00000/0000	1-10030/1267	10/11/74	80	1294	35.8	148.0		GGGG				
09016W	4141N	1792-16050	00000/0000	1-10030/0534	09/23/74	90	1043	41.7	142.6		PPGP				
09017W	3724N	1791-16004	00000/0000	1-10030/0464	09/22/74	0	1029	44.7	138.3		GGGG				
09017W	3313N	1826-15553	00000/0000	1-10031/0591	10/27/74	0	1517	37.1	145.8		PGGG				
09017W	3306N	1736-15582	00000/0000	1-10027/0032	07/29/74	10	262	57.9	108.4		GGGG				
09017W	3304N	1754-15574	00000/0000	1-10027/1832	08/16/74	10	513	55.2	116.2		GGGG				
09018W	3313N	1934-15510	00000/0000	1-10034/0352	02/12/75	90	3023	31.8	137.7		GGGG				
09018W	3313N	5078-15434	00000/0000	1-10039/0381	07/06/75	50	5031	57.2	99.4		GGFG				

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0449

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09018W 3306N	1880-15532	00000/0000	1-10033/0162	12/20/74	90	2270	26.1	147.9		GF GG	
09019W 4554N	5009-16010	00000/0000	1-10037/0468	04/28/75	100	4069	49.7	132.7		FG GG	
09019W 4140N	1774-16055	00000/0000	1-10029/0895	09/05/74	10	792	47.0	136.2		GG GG	
09019W 3311N	1844-15545	00000/0000	1-10032/0072	11/14/74	90	1768	32.2	148.6		GG PG	
09020W 4855N	1812-16141	00000/0000	1-10030/1363	10/13/74	70	1322	29.7	153.2		PG PG	
09020W 4850N	1794-16142	00000/0000	1-10030/0413	09/25/74	40	1071	36.0	149.1		PG GG	
09020W 4557N	5027-16000	00000/0000	1-10038/0239	05/16/75	0	4320	53.9	128.3		PG GG	
09020W 4556N	5045-15590	00000/0000	1-10038/0560	06/03/75	40	4571	56.1	124.1		GG GG	
09020W 3735N	1809-16002	00000/0000	1-10030/1220	10/10/74	0	1280	39.2	144.6		GG GG	
09020W 3312N	1970-15493	00000/0000	1-10036/0062	03/20/75	10	3525	43.2	128.4		GG GG	
09020W 3310N	1952-15502	00000/0000	1-10035/0552	03/02/75	10	3274	37.2	133.3		GG GF	
09020W 3309N	1862-15540	00000/0000	1-10032/0685	12/02/74	10	2019	28.3	149.2		GG GG	
09020W 3301N	1898-15524	00000/0000	1-10033/0754	01/07/75	90	2521	26.0	145.3		GG GG	
09021W 4849N	1848-16130	00000/0000	1-10032/0195	11/18/74	0	1824	18.8	156.7		GG GG	
09021W 4147N	1828-16042	00000/0000	1-10031/0351	10/29/74	90	1545	30.1	151.5		GP PP	
09021W 3722N	1773-16012	00000/0000	1-10029/0771	09/04/74	40	778	49.6	130.8		GG	
09021W 3308N	1988-15483	00000/0000	1-10036/0745	04/07/75	90	3776	49.1	122.7		FF GF	
09022W 4856N	1830-16134	00000/0000	1-10031/0715	10/31/74	80	1573	23.8	155.8		GP PP	
09022W 4140N	1738-16071	00000/0000	1-10027/0951	07/31/74	30	290	55.3	123.4		GP GG	
09023W 4149N	5080-15523	00000/0000	1-10039/0478	07/08/75	30	5059	56.1	114.2		GF GG	
09023W 4148N	1936-16000	00000/0000	1-10034/0207	02/14/75	100	3051	26.9	142.5		GG GG	
09023W 4142N	1864-16030	00000/0000	1-10032/0653	12/04/74	100	2047	21.3	153.1		PP	
09023W 3733N	5079-15481	00000/0000	1-10039/0469	07/07/75	30	5045	56.9	106.9		GG GG	M
09023W 3721N	1755-16021	00000/0000	1-10027/1848	08/17/74	10	527	53.6	123.0		PP PG	
09023W 3308N	5006-15474	00000/0000	1-10037/0503	04/25/75	60	4027	54.0	115.9		GF GG	
09024W 4147N	1990-15572	00000/0000	1-10037/0119	04/09/75	90	3804	45.9	132.1		GG FF	
09024W 4144N	1846-16034	00000/0000	1-10032/0155	11/16/74	60	1796	25.0	153.2		PPP	
09024W 3731N	1827-16000	00000/0000	1-10031/0649	10/28/74	60	1531	33.7	148.8		GG GR	
09024W 3723N	1737-16025	00000/0000	1-10027/0141	07/30/74	10	276	56.9	116.1		GG GG	
09024W 3722N	1899-15570	00000/0000	1-10033/0768	01/08/75	80	2535	22.9	147.1		FFFF	
09025W 4842N	1776-16151	00000/0000	1-10029/1026	09/07/74	100	820	42.0	144.1		GG GR	
09025W 4146N	1972-15582	00000/0000	1-10035/1135	03/22/75	20	3553	39.5	135.9		GG FG	
09025W 4141N	1882-16021	00000/0000	1-10033/0010	12/22/74	70	2298	19.4	151.5		FFFF	
09025W 4136N	1900-16013	00000/0000	1-10033/0782	01/09/75	100	2549	19.8	148.8		FF F	
09025W 4135N	1756-16063	00000/0000	1-10028/0050	08/18/74	20	541	51.6	129.3		PP PP	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09025W 3729N	1935-15553	00000/0000	1-10034/0532	02/13/75	90	3037	29.4	140.1		PFFP	
09025W 3726N	1881-15575	00000/0000	1-10033/0204	12/21/74	40	2284	22.8	149.8		FFF	
09025W 3305N	5024-15464	00000/0000	1-10037/0810	05/13/75	10	4278	57.3	108.6		FGGG	
09026W 4859N	1956-16083	00000/0000	1-10035/0763	03/06/75	50	3330	29.0	144.1		FGFG	
09026W 4856N	1938-16091	00000/0000	1-10034/0410	02/16/75	20	3079	22.7	146.4		GGGG	
09026W 3731N	1971-15535	00000/0000	1-10038/0024	03/21/75	20	3539	41.4	132.3		FGGG	
09026W 3725N	1863-15583	00000/0000	1-10032/0752	12/03/74	0	2033	24.9	151.2		GGG	
09027W 4856N	5082-16015	00000/0000	1-10040/0084	07/10/75	70	5087	53.7	126.0		GGFG	
09027W 4849N	1866-16122	00000/0000	1-10032/1038	12/06/74	100	2075	15.3	156.1		FFFF	
09027W 3729N	1953-15544	00000/0000	1-10035/0489	03/03/75	10	3288	35.1	136.3		GGGG	
09027W 3728N	1845-15591	00000/0000	1-10032/0145	11/15/74	0	1782	28.7	151.0		GGGG	
09028W 4846N	1740-16163	00000/0000	1-10027/1043	08/02/74	100	318	51.7	134.4		GGGG	
09028W 4844N	1884-16113	00000/0000	1-10033/0286	12/24/74	90	2326	13.8	154.2		PFFG	
09028W 4842N	1902-16105	00000/0000	00000/0000	01/11/75	100	2577	14.7	151.6		GGGG	
09029W 4858N	1992-16064	00000/0000	1-10037/0159	04/11/75	0	3832	42.6	139.3		GGGG	
09029W 4139N	5008-15563	00000/0000	1-10037/0453	04/27/75	90	4055	51.5	127.3		FGGG	
09030W 4845N	1758-16155	00000/0000	1-10028/0107	08/20/74	30	569	47.3	138.9		PPPG	
09030W 4141N	5044-15544	00000/0000	1-10038/0531	06/02/75	20	4557	57.4	117.1		GGFG	
09030W 3725N	5007-15570	00000/0000	1-10037/0596	04/26/75	70	4041	52.9	121.7		FGFG	
09030W 3724N	5043-15501	00000/0000	1-10038/0512	06/01/75	10	4543	58.3	109.8		FGGG	M
09030W 3722N	5025-15511	00000/0000	1-10038/0236	05/14/75	10	4292	56.6	115.4		FGGG	
09031W 4852N	1974-16074	00000/0000	1-10036/0295	03/24/75	100	3581	35.9	141.8		GGFF	
09031W 4139N	5026-15554	00000/0000	1-10037/0818	05/15/75	80	4306	55.4	122.0		GGFF	
09032W 4853N	5064-16025	00000/0000	1-10039/0235	06/22/75	80	4836	55.3	126.1		PGG	
09034W 4846N	5010-16055	00000/0000	1-10038/0107	04/29/75	100	4083	48.5	136.1		FFFF	
09035W 4846N	5028-16045	00000/0000	1-10038/0164	05/17/75	30	4334	52.8	132.3		FGGG	
09036W 4845N	5046-16035	00000/0000	1-10039/0016	06/04/75	40	4585	55.1	128.5		FGFG	M
09037W 4505N	1937-16044	00000/0000	1-10034/0398	02/15/75	90	3065	25.0	144.2		GGGF	
09038W 3140N	1790-15564	00000/0000	1-10030/0407	09/21/74	20	1015	48.3	132.1		GGPG	
09039W 3150N	1808-15561	00000/0000	1-10031/0125	10/09/74	60	1266	43.3	139.6		GGGG	
09040W 4439N	1811-16094	00000/0000	1-10030/1303	10/12/74	30	1308	33.3	150.1		PGGG	
09040W 4428N	1793-16100	00000/0000	1-10030/0555	09/24/74	40	1057	39.4	145.3		GGGG	
09041W 3139N	1772-15572	00000/0000	1-10029/0815	09/03/74	100	764	52.4	123.1		GGGG	
09042W 4441N	1829-16092	00000/0000	1-10031/0762	10/30/74	90	1559	27.5	153.3		PPGG	
09042W 3146N	1826-15560	00000/0000	1-10031/0592	10/27/74	0	1517	38.2	144.9		GGGG	M

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 COORDINATE LISTING WITH PRODUCT DATA
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 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09042W	3139N	1754-15580	00000/0000 1-10027/1833	08/16/74	20	513	55.6	113.9		GGG	
09043W	4429N	1775-16104	00000/0000 1-10029/0908	09/06/74	80	806	45.0	139.5		GGGG	
09043W	3147N	1934-15513	00000/0000 1-10034/0353	07/12/75	80	3023	32.7	136.8		GGGG	
09043W	3147N	5078-15441	00000/0000 1-10039/0382	07/06/75	50	5031	57.1	96.9		FGFG	
09043W	3141N	1736-15584	00000/0000 1-10027/0033	07/29/74	30	262	58.0	106.0		GGGG	
09044W	4446N	1955-16040	00000/0000 1-10035/0639	07/05/75	100	3316	31.4	141.2		FFFF	
09044W	4428N	1757-16113	00000/0000 1-10028/0083	08/19/74	20	555	50.0	133.4		PPGG	M
09044W	3558N	1791-16010	00000/0000 1-10030/0465	09/22/74	70	1029	45.6	136.9		GGGG	
09044W	3144N	1844-15551	00000/0000 1-10032/0073	11/14/74	100	1768	33.3	147.8		GGGG	
09044W	3140N	1880-15535	00000/0000 1-10033/0163	12/20/74	100	2270	27.2	147.3		GGGG	
09045W	4435N	1847-16083	00000/0000 1-10032/0189	11/17/74	20	1810	22.5	154.6		GGG	
09045W	4435N	1865-16075	00000/0000 1-10032/0836	12/05/74	0	2061	18.9	154.3		GPPP	
09045W	3144N	1952-15504	00000/0000 1-10035/0553	03/02/75	10	3274	38.0	132.2		FGGG	
09045W	3142N	1862-15543	00000/0000 1-10032/0686	12/02/74	10	2019	29.4	148.5		GGGG	
09046W	4431N	1739-16120	00000/0000 1-10027/1032	08/01/74	70	304	54.0	128.0		GGPG	
09046W	4026N	1810-16051	00000/0000 1-10030/1268	10/11/74	70	1294	36.8	147.0		PGPG	
09046W	4016N	1792-16053	00000/0000 1-10030/0535	09/23/74	40	1043	42.6	141.3		PGGG	
09046W	3146N	1970-15495	00000/0000 1-10036/0063	07/20/75	10	3525	43.9	127.0		GGFG	
09046W	3142N	1988-15490	00000/0000 1-10036/0746	04/07/75	100	3776	49.7	120.9		FGFG	
09046W	3136N	1898-15530	00000/0000 1-10033/0755	01/07/75	70	2521	27.0	144.6		GGGF	
09047W	4430N	1883-16071	00000/0000 1-10033/0244	12/23/74	40	2312	17.2	152.5		FFPG	
09047W	3609N	1809-16004	00000/0000 1-10030/1221	10/10/74	0	1280	40.2	143.5		PPGG	
09048W	4440N	1973-16031	00000/0000 1-10036/0224	07/23/75	100	3567	38.1	138.2		FFFG	
09048W	4426N	1901-16062	00000/0000 1-10033/0831	01/10/75	100	2563	17.8	149.9		FF F	
09048W	4015N	1774-16062	00000/0000 1-10029/0896	09/05/74	10	792	47.8	134.6		GGGG	
09048W	3556N	1773-16015	00000/0000 1-10029/0772	09/04/74	30	778	50.3	129.1		GGG	
09048W	3142N	5006-15480	00000/0000 1-10037/0504	04/25/75	60	4027	54.4	113.8		GGGG	
09050W	3554N	1755-16023	00000/0000 1-10027/1838	08/17/74	10	527	54.2	120.9		P PP	
09050W	3140N	5024-15471	00000/0000 1-10037/0811	05/13/75	10	4278	57.4	106.1		FGGG	
09051W	4021N	1828-16045	00000/0000 1-10031/0352	10/29/74	90	1545	31.2	150.7		PGP	
09051W	3606N	1827-16002	00000/0000 1-10031/0650	10/28/74	90	1531	34.7	147.9		GGG	
09051W	3557N	1737-16031	00000/0000 1-10027/0142	07/30/74	50	276	57.2	113.7		GGGG	
09051W	3556N	1899-15573	00000/0000 1-10033/0769	01/08/75	90	2535	23.9	146.4		FGFG	
09052W	4015N	1738-16074	00000/0000 1-10027/0952	07/31/74	30	290	55.9	121.1		GGGG	
09052W	3604N	1935-15560	00000/0000 1-10034/0533	02/13/75	90	3037	30.3	139.3		GGGG	

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B P P B P C C D D				
09052W	3600N	1881-15581	00000/0000	1-10033/0205	12/21/74	30	2284	23.9	149.1		FGP					
09053W	4432N	5027-16003	00000/0000	1-10038/0240	05/16/75	0	4320	54.5	126.2		FGGG					
09053W	4431N	5045-15593	00000/0000	1-10038/0561	06/03/75	20	4571	56.6	121.7		FGGG					
09053W	4429N	5009-16012	00000/0000	1-10037/0469	04/28/75	100	4069	50.5	130.8		FGGG					
09053W	4023N	1936-16002	00000/0000	1-10034/0208	02/14/75	90	3051	27.8	141.7		GGFG					
09053W	4023N	5080-15530	00000/0000	1-10039/0479	07/08/75	30	5059	56.4	111.8		GGGG					
09053W	3606N	1971-15542	00000/0000	1-10038/0025	03/21/75	50	3539	42.2	130.9		GGGG					
09053W	3559N	1863-15590	00000/0000	1-10032/0715	12/03/74	0	2033	26.0	150.5		GGGG					
09054W	4022N	1990-15575	00000/0000	1-10037/0120	04/09/75	70	3804	46.6	130.5		FFFG					
09054W	4018N	1846-16041	00000/0000	1-10032/0156	11/16/74	100	1796	26.2	152.5		PPP					
09054W	4016N	1864-16072	00000/0000	1-10032/0654	12/04/74	70	2047	22.5	152.4		PP P					
09054W	4016N	1882-16024	00000/0000	1-10033/0011	12/22/74	60	2298	20.5	150.9		FFFG					
09054W	4011N	1900-16020	00000/0000	1-10033/0783	01/09/75	100	2549	20.9	148.2		GGFF					
09054W	3603N	1953-15551	00000/0000	1-10035/0490	03/03/75	10	3288	35.9	135.3		GGGG		M		M	
09054W	3602N	1845-15594	00000/0000	1-10032/0146	11/15/74	0	1782	29.8	150.2		GGGG					
09055W	4020N	1972-15584	00000/0000	1-10035/1136	03/22/75	10	3553	40.3	134.6		GGFG					
09055W	4010N	1756-16070	00000/0000	1-10028/0051	08/18/74	30	541	52.3	127.4		PPPP					
09056W	4020N	1954-15593	00000/0000	1-10035/0624	03/04/75	0	3302	33.7	138.2		GGGG					
09057W	4730N	1812-16143	00000/0000	1-10030/1364	10/13/74	70	1322	30.8	152.3		PGGG					
09057W	4725N	1794-16145	00000/0000	1-10030/0414	09/25/74	10	1071	37.0	148.0		GGGG					
09058W	4724N	1848-16133	00000/0000	1-10032/0196	11/18/74	0	1824	20.0	156.0		PGGG					
09058W	4014N	5008-15570	00000/0000	1-10037/0454	04/27/75	80	4055	52.1	125.3		GGGG					
09058W	3559N	5007-15523	00000/0000	1-10037/0597	04/26/75	50	4041	53.4	119.7		GGFG					
09059W	4731N	1830-16141	00000/0000	1-10031/0716	10/31/74	100	1573	24.9	155.0		PPPP					
09100W	4015N	5044-15550	00000/0000	1-10038/0532	06/02/75	30	4557	57.8	114.6		FGGG					
09100W	4013N	5026-15560	00000/0000	1-10037/0819	05/15/75	50	4306	55.9	119.7		FGFG					
09101W	4718N	1776-16153	00000/0000	1-10029/1027	09/07/74	100	820	42.9	142.7		GGGP					
09103W	4734N	1956-16085	00000/0000	1-10035/0764	03/06/75	50	3330	29.9	143.1		FGFG					
09103W	4732N	5082-16021	00000/0000	1-10040/0085	07/10/75	60	5087	54.2	123.8		GGFG					
09103W	4730N	1938-16094	00000/0000	1-10034/0411	02/16/75	70	3079	23.6	145.5		GGGG					
09103W	4724N	1866-16124	00000/0000	1-10032/1039	12/06/74	100	2075	16.4	155.5		FFFG					
09103W	3014N	1790-15570	00000/0000	1-10030/0408	09/21/74	20	1015	49.0	130.5		GGGP					
09104W	4722N	1740-16170	00000/0000	1-10027/1044	08/02/74	100	318	52.5	132.4		GGGG					
09104W	4717N	1902-16111	00000/0000	00000/0000	01/11/75	100	2577	15.8	151.0		GGGF					
09104W	3024N	1808-15564	00000/0000	1-10031/0126	10/09/74	20	1266	44.2	138.4		GGPG					

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ERTS-1
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 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0453

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P B P C C D D
09105W 4732N	1992-16071	00000/0000	1-10037/0160	04/11/75	10	3832	43.5	137.8		GGGG	
09105W 4720N	1884-16120	00000/0000	1-10033/0287	12/24/74	100	2326	14.9	153.6		FFGF	
09106W 4719N	1758-16162	00000/0000	1-10028/0108	08/20/74	10	569	48.1	137.3		PPPG	
09106W 3014N	1772-15575	00000/0000	1-10029/0816	09/03/74	100	764	52.9	121.2		GGGG	
09106W 3013N	1754-15583	00000/0000	1-10027/1834	08/16/74	50	513	55.9	111.7		GGPP	
09107W 4728N	1974-16080	00000/0000	1-10036/0296	03/24/75	100	3581	36.8	140.5		FGGF	
09107W 3020N	1826-15562	00000/0000	1-10031/0593	10/27/74	30	1517	39.2	143.9		GGGG	
09107W 3020N	5078-15443	00000/0000	1-10039/0383	07/06/75	30	5031	57.0	94.5		GFFF	
09108W 4728N	5064-16032	00000/0000	1-10039/0236	06/22/75	80	4836	55.8	123.8		PFF	
09108W 3021N	1934-15515	00000/0000	1-10034/0354	02/12/75	20	3023	33.5	135.9		GGGG	
09108W 3019N	1844-15554	00000/0000	1-10032/0074	11/14/74	90	1768	34.4	147.0		GGPG	
09108W 3015N	1736-15591	00000/0000	1-10027/0034	07/29/74	80	262	58.2	103.5		GGGG	
09108W 3014N	1880-15541	00000/0000	1-10033/0164	12/20/74	90	2270	28.2	146.6		GFFG	
09109W 4339N	1937-16051	00000/0000	1-10034/0399	02/15/75	100	3065	26.0	143.4		GGGG	
09109W 3432N	1791-16013	00000/0000	1-10030/0466	09/22/74	30	1029	46.4	135.5		PGGG	
09110W 4721N	5010-16061	00000/0000	1-10038/0108	04/29/75	100	4083	49.3	134.3		GGFG	
09110W 3017N	1952-15511	00000/0000	1-10035/0554	03/02/75	0	3274	38.7	131.0		FGFF	
09110W 3016N	1862-15545	00000/0000	1-10032/0687	12/02/74	0	2019	30.5	147.8		GPPG	
09111W 4721N	5028-16052	00000/0000	1-10038/0165	05/17/75	20	4334	53.5	130.2		PGGG	
09111W 3019N	1970-15502	00000/0000	1-10036/0064	03/20/75	20	3525	44.5	125.6		GGGG	
09111W 3015N	1988-15492	00000/0000	1-10036/0747	04/07/75	80	3776	50.1	119.1		GFTG	
09111W 3010N	1898-15533	00000/0000	1-10033/0756	01/07/75	80	2521	28.0	143.9		FGGG	
09112W 4721N	5046-16042	00000/0000	1-10039/0017	06/04/75	70	4585	55.6	126.2		GGFG	
09112W 4303N	1793-16102	00000/0000	1-10030/0556	09/24/74	70	1057	40.4	144.1		GGGG	
09113W 4314N	1811-16100	00000/0000	1-10030/1304	10/12/74	100	1308	34.4	149.2		PGPG	
09113W 3443N	1809-16011	00000/0000	1-10030/1222	10/10/74	0	1280	41.1	142.3		PGGG	
09113W 3016N	5006-15483	00000/0000	1-10037/0505	04/25/75	50	4027	54.7	111.6		GFGG	
09115W 4316N	1829-16094	00000/0000	1-10031/0763	10/30/74	80	1559	28.6	152.5		GGGG	
09115W 4304N	1775-16111	00000/0000	1-10029/0909	09/06/74	60	806	45.9	138.0		GGGG	
09115W 3851N	1792-16055	00000/0000	1-10030/0536	09/23/74	20	1043	43.5	140.0		PGGP	
09115W 3430N	1773-16021	00000/0000	1-10029/0773	09/04/74	20	778	51.0	127.3		GGGG	
09115W 3014N	5024-15473	00000/0000	1-10037/0812	05/13/75	60	4278	57.6	103.7		GGGG	
09116W 4318N	5081-15575	00000/0000	1-10039/0490	07/09/75	30	5073	55.7	116.8		GGGG	
09116W 4304N	1757-16115	00000/0000	1-10028/0084	08/19/74	10	555	50.7	131.6		GGGG	M
09116W 3900N	1810-16053	00000/0000	1-10030/1269	10/11/74	70	1294	37.8	145.9		PGPG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
09117W	4320N	1955-16042	00000/0000	1-10035/0640	03/05/75	100	3316	32.3	140.2		PPFF					
09117W	4309N	1847-16090	00000/0000	1-10032/0190	11/17/74	10	1810	23.7	153.9		PGG					
09117W	3849N	1774-16064	00000/0000	1-10029/0897	09/05/74	10	792	48.6	133.0		GGGG					
09117W	3440N	1827-16005	00000/0000	1-10031/0651	10/28/74	100	1531	35.8	147.0		GGG					
09117W	3433N	1881-15584	00000/0000	1-10033/0794	12/21/74	70	2284	24.9	148.5		FGFF					
09117W	3428N	1755-16030	00000/0000	1-10027/1839	08/17/74	0	527	54.6	118.8		P PP					
09118W	4310N	1865-16081	00000/0000	1-10032/0837	12/05/74	0	2061	20.0	153.7		GGG					
09118W	3442N	5079-15490	00000/0000	1-10039/0470	07/07/75	10	5045	57.1	102.0		GGGG					
09118W	3431N	1737-16034	00000/0000	1-10027/0143	07/30/74	80	276	57.5	111.3		GGGG					
09118W	3430N	1899-15575	00000/0000	1-10033/0770	01/08/75	70	2535	25.0	145.8		GGGG					
09119W	4306N	1739-16123	00000/0000	1-10027/1033	08/01/74	90	304	54.6	125.9		PGG					
09119W	4305N	1883-16073	00000/0000	1-10033/0245	12/23/74	20	2312	18.3	151.9		FFPF					
09119W	3438N	1935-15562	00000/0000	1-10034/0534	02/13/75	20	3037	31.2	138.4		FGGG					
09119W	3434N	1863-15592	00000/0000	1-10032/0716	12/03/74	0	2033	27.1	149.9		GGPG					
09120W	4315N	1973-16034	00000/0000	1-10036/0225	03/23/75	100	3567	39.0	137.0		FFFF					
09120W	3856N	1828-16051	00000/0000	1-10031/0353	10/29/74	70	1545	32.3	149.8		PGPP					
09120W	3440N	1971-15544	00000/0000	1-10038/0026	03/21/75	60	3539	42.9	129.6		GGGG					
09120W	3437N	1953-15553	00000/0000	1-10035/0491	03/03/75	50	3288	36.7	134.2		GGGG					
09121W	4301N	1901-16065	00000/0000	1-10033/0832	01/10/75	100	2563	18.9	149.3		GF P					
09121W	3850N	1738-16080	00000/0000	1-10027/0953	07/31/74	20	290	56.3	118.8		PGGG					
09121W	3436N	1845-16000	00000/0000	1-10032/0147	11/15/74	0	1782	30.9	149.5		PGPG					
09122W	3857N	1936-16005	00000/0000	1-10034/0209	02/14/75	100	3051	28.7	140.8		GFG					
09122W	3857N	5080-15532	00000/0000	1-10039/0480	07/08/75	20	5059	56.6	109.4		GGGG					
09123W	3856N	1990-15581	00000/0000	1-10037/0121	04/09/75	30	3804	47.3	128.9		FGFF					
09123W	3853N	1846-16043	00000/0000	1-10032/0157	11/16/74	100	1796	27.3	151.8		PPP					
09123W	3851N	1864-16035	00000/0000	1-10032/0655	12/04/74	20	2047	23.6	151.8		GGP					
09123W	3851N	1882-16030	00000/0000	1-10033/0033	12/22/74	90	2298	21.6	150.3		FE					
09123W	3846N	1900-16022	00000/0000	1-10033/0784	01/09/75	60	2549	21.9	147.6		GGGG					
09123W	3844N	1756-16072	00000/0000	1-10028/0052	08/18/74	30	541	52.9	125.4		PPPP					
09125W	4306N	5045-15595	00000/0000	1-10038/0562	06/03/75	10	4571	57.1	119.3		FGGG					
09125W	4303N	5009-16015	00000/0000	1-10037/0470	04/28/75	90	4069	51.1	128.9		GGGG					
09125W	3855N	1972-15591	00000/0000	1-10035/1137	03/22/75	0	3553	41.0	133.3		GGGG					
09125W	3854N	1954-16000	00000/0000	1-10035/0625	03/04/75	10	3302	34.6	137.2		GGGG					
09125W	3434N	5007-15525	00000/0000	1-10037/0598	04/26/75	70	4041	53.8	117.6		GGGG					
09126W	4306N	5027-16005	00000/0000	1-10038/0241	05/16/75	0	4320	55.1	124.0		FGGG					

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09127W	3849N	5008-15572	00000/0000	1-10037/0455	04/27/75	90	4055	52.7	123.4		FGGG				
09128W	3850N	5044-15553	00000/0000	1-10038/0533	06/02/75	20	4557	58.1	112.1		FGGG				
09128W	3848N	5026-15563	00000/0000	1-10037/0820	05/15/75	10	4306	56.3	117.4		FGGG				
09128W	2858N	1808-15570	00000/0000	1-10031/0127	10/09/74	0	1266	45.1	137.1		GPPP				
09128W	2849N	1790-15573	00000/0000	1-10030/0409	09/21/74	30	1015	49.7	128.8		GGGG				
09130W	2849N	1772-15581	00000/0000	1-10029/0817	09/03/74	100	764	53.4	119.2		GGGG				
09130W	2847N	1754-15585	00000/0000	1-10027/1835	08/16/74	20	513	56.2	109.4		GGGP				
09131W	2855N	1826-15565	00000/0000	1-10031/0594	10/27/74	50	1517	40.2	142.8		PPPP				
09131W	2854N	5078-15450	00000/0000	1-10039/0384	07/06/75	70	5031	56.8	92.2		FGGG				
09132W	4605N	1812-16150	00000/0000	1-10030/1365	10/13/74	80	1322	31.9	151.3		PGPG				
09132W	4600N	1794-16151	00000/0000	1-10030/0415	09/25/74	10	1071	38.0	146.9		PGPG				M
09132W	2854N	1934-15522	00000/0000	1-10034/0355	02/12/75	20	3023	34.4	135.0		GGGG				
09132W	2853N	1844-15560	00000/0000	1-10032/0075	11/14/74	60	1768	35.4	146.1		GGGG				
09132W	2848N	1880-15544	00000/0000	1-10033/0165	12/20/74	100	2270	29.3	145.9		GGGF				
09133W	4559N	1848-16135	00000/0000	1-10032/0197	11/18/74	40	1824	21.1	155.3		PPGP				
09133W	2849N	1736-15593	00000/0000	1-10027/0035	07/29/74	100	262	58.2	101.0		PGPG				
09134W	2850N	1862-15552	00000/0000	1-10032/0688	12/02/74	30	2019	31.6	147.0		GGGG				
09135W	4606N	1830-16143	00000/0000	1-10031/0717	10/31/74	100	1573	26.1	154.2		PPPP				
09135W	3306N	1791-16015	00000/0000	1-10030/0467	09/22/74	10	1029	47.2	134.0		GGGG				
09135W	2853N	1970-15504	00000/0000	1-10036/0065	03/20/75	40	3525	45.1	124.1		GGGG				
09135W	2851N	1952-15513	00000/0000	1-10035/0555	03/02/75	0	3274	39.5	129.8		GFFF				
09135W	2844N	1898-15535	00000/0000	1-10033/0757	01/07/75	60	2521	29.0	143.1		GGGF				
09136W	4553N	1776-16160	00000/0000	1-10029/1028	09/07/74	100	820	43.8	141.3		GGGP				
09136W	2849N	5006-15485	00000/0000	1-10037/0506	04/25/75	40	4027	54.9	109.4		GGGG				M
09138W	4609N	1956-16092	00000/0000	1-10035/0765	03/06/75	70	3330	30.8	142.0		FGGG				
09138W	4607N	5082-16024	00000/0000	1-10040/0086	07/10/75	70	5087	54.7	121.5		GGFG				
09138W	4605N	1938-16100	00000/0000	1-10034/0412	02/16/75	100	3079	24.6	144.7		GGGG				
09138W	4559N	1866-16131	00000/0000	1-10032/1040	12/06/74	100	2075	17.6	154.8		FFFF				
09138W	4558N	1740-16172	00000/0000	1-10027/1045	08/02/74	100	318	53.1	130.4		GGGG				
09139W	4214N	1937-16053	00000/0000	1-10034/0400	02/15/75	100	3065	26.9	142.6		GGGG				
09139W	3318N	1809-16013	00000/0000	1-10030/1223	10/10/74	0	1280	42.1	141.2		GGGG				
09140W	4606N	1992-16073	00000/0000	1-10037/0161	04/11/75	0	3832	44.3	136.3		GGGG				
09140W	4555N	1758-16164	00000/0000	1-10028/0109	08/20/74	10	569	48.9	135.5		PPPP				
09140W	4555N	1884-16122	00000/0000	1-10033/0288	12/24/74	90	2326	16.0	153.0		GGGF				
09142W	4602N	1974-16083	00000/0000	1-10036/0297	03/24/75	100	3581	37.7	139.3		FFFF				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09142W	3304N	1755-16032	00000/0000	1-10027/1849	08/17/74	20	527	55.1	116.6		PPPP				
09142W	3304N	1773-16024	00000/0000	1-10029/0774	09/04/74	60	778	51.6	125.5		GGGG				
09143W	4138N	1793-16105	00000/0000	1-10030/0557	09/24/74	20	1057	41.4	142.9		GGGG				M
09143W	3724N	1792-16062	00000/0000	1-10030/0537	09/23/74	30	1043	44.4	138.7		PGP				
09143W	3314N	1827-16011	00000/0000	1-10031/0652	10/28/74	100	1531	36.8	146.1		GGG				
09143W	3307N	1881-15590	00000/0000	1-10033/0795	12/21/74	10	2284	26.0	147.8		GG F				
09143W	3305N	1899-15582	00000/0000	1-10033/0771	01/08/75	50	2535	26.0	145.1		GGGG				
09144W	4556N	5010-16064	00000/0000	1-10038/0109	04/29/75	100	4083	50.0	132.5		GGFG				
09144W	4149N	1811-16103	00000/0000	1-10030/1305	10/12/74	100	1308	35.5	148.2		PGPP				
09144W	3734N	1810-16060	00000/0000	1-10030/1270	10/11/74	10	1294	38.8	144.9		GGGG				
09144W	3306N	1737-16040	00000/0000	1-10027/0144	07/30/74	70	276	57.7	108.8		GGG				
09145W	4847N	1795-16200	00000/0000	1-10030/0704	09/26/74	10	1085	35.7	149.4		GGGG				
09145W	3723N	1774-16071	00000/0000	1-10029/0898	09/05/74	60	792	49.3	131.3		GGGG				
09145W	3312N	1935-15565	00000/0000	1-10034/0535	02/13/75	20	3037	32.1	137.5		GFFG				
09145W	3308N	1863-15595	00000/0000	1-10032/0717	12/03/74	0	2033	28.2	149.2		PPGG				
09146W	4556N	5028-16054	00000/0000	1-10038/0166	05/17/75	10	4334	54.1	128.1		FGGG				
09146W	4556N	5046-16044	00000/0000	1-10039/0018	06/04/75	90	4585	56.2	123.9		FFFG				
09146W	4151N	1829-16101	00000/0000	1-10031/0764	10/30/74	80	1559	29.7	151.7		GP GP				
09146W	4139N	1775-16113	00000/0000	1-10029/0910	09/06/74	50	806	46.7	136.5		GGGG				
09146W	3314N	1971-15551	00000/0000	1-10038/0027	03/21/75	70	3539	43.6	128.2		FGGG				
09146W	3311N	1953-15560	00000/0000	1-10035/0492	03/03/75	80	3288	37.5	133.1		FGGG				
09147W	4152N	5081-15581	00000/0000	1-10039/0491	07/09/75	30	5073	56.0	114.4		GGGG				
09147W	3311N	1845-16003	00000/0000	1-10032/0148	11/15/74	0	1782	32.0	148.7		GGGG				
09148W	4857N	1813-16195	00000/0000	1-10030/1384	10/14/74	100	1336	29.4	153.4		GPG				
09148W	4154N	1955-16045	00000/0000	1-10035/0641	03/05/75	100	3316	33.1	139.2		FFFG				
09148W	4138N	1757-16122	00000/0000	1-10028/0076	08/19/74	20	555	51.4	129.7		F GG				
09149W	3730N	1828-16054	00000/0000	1-10031/0354	10/29/74	70	1545	33.4	149.0		GGPP				
09149W	3724N	1738-16083	00000/0000	1-10027/0957	07/31/74	10	290	56.7	116.5		G				
09150W	4144N	1865-16084	00000/0000	1-10032/0838	12/05/74	10	2061	21.1	153.0		GGGG				
09150W	4141N	1739-16125	00000/0000	1-10027/1034	08/01/74	100	304	55.2	123.7		GGG				
09150W	4140N	1883-16080	00000/0000	1-10033/0246	12/23/74	50	2312	19.4	151.3		GFFF				
09150W	3731N	1936-16011	00000/0000	1-10034/0210	02/14/75	90	3051	29.7	140.0		FGFG				
09150W	3731N	5080-15535	00000/0000	1-10039/0481	07/08/75	30	5059	56.8	107.0		GGGF				
09150W	3730N	1990-15584	00000/0000	1-10037/0122	04/09/75	30	3804	48.0	127.2		GGGG				
09151W	4900N	1957-16141	00000/0000	1-10035/0799	03/07/75	50	3344	29.3	144.0		GGGG				

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ERTS-1
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STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0457

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS						123	45678	
09151W	4843N	1777-16205	00000/0000	1-10029/1035	09/08/74	80	834	41.7	144.4		GGGP	
09151W	4149N	1973-16040	00000/0000	1-10036/0226	03/23/75	100	3567	39.8	135.7		FFFF	
09151W	4136N	1901-16071	00000/0000	1-10033/0833	01/10/75	100	2563	19.9	148.6		FF F	
09151W	3726N	1882-16033	00000/0000	1-10033/0012	12/22/74	90	2298	22.7	149.6		FFFF	
09151W	3719N	1756-16075	00000/0000	1-10028/0053	08/18/74	30	541	53.4	123.4		PP P	
09151W	2732N	1808-15573	00000/0000	1-10031/0128	10/09/74	30	1266	46.0	135.7		GG P	
09152W	4858N	1939-16150	00000/0000	1-10034/0488	02/17/75	100	3093	23.0	146.2		GGPG	
09152W	4850N	1849-16184	00000/0000	1-10032/0310	11/19/74	100	1838	18.6	156.7		PPPP	
09152W	3727N	1846-16050	00000/0000	1-10032/0158	11/16/74	100	1796	28.4	151.0		PPPP	
09152W	3720N	1900-16025	00000/0000	1-10033/0785	01/09/75	50	2549	23.0	146.9		GGGG	
09152W	2724N	1790-15575	00000/0000	1-10030/0410	09/21/74	30	1015	50.4	127.2		GGGG	
09153W	4849N	1867-16180	00000/0000	1-10032/0879	12/07/74	80	2089	15.1	156.0		FGGG	
09153W	4846N	1759-16213	00000/0000	1-10029/0068	08/21/74	100	583	47.0	139.2		GGGP	
09153W	3729N	1972-15593	00000/0000	1-10035/1138	03/22/75	0	3553	41.8	132.0		GGFG	
09153W	3728N	1954-16002	00000/0000	1-10035/0626	03/04/75	30	3302	35.4	136.1		GGGG	
09154W	4856N	5083-16073	00000/0000	1-10040/0097	07/11/75	70	5101	53.6	126.0		GFFG	
09154W	4848N	1741-16221	00000/0000	1-10027/0959	08/03/74	20	332	51.5	134.6		PGPG	M
09154W	4848N	1921-16154	00000/0000	1-10034/0248	01/30/75	10	2842	17.9	148.8		GGGG	
09154W	2722N	1772-15584	00000/0000	1-10029/0818	09/03/74	100	764	53.9	117.2		GGGG	
09154W	2721N	1754-15592	00000/0000	1-10027/1836	08/16/74	30	513	56.4	107.1		G	
09155W	4856N	1975-16132	00000/0000	1-10036/0232	03/25/75	0	3595	36.3	141.7		GGFF	
09155W	3723N	5008-15575	00000/0000	1-10037/0456	04/27/75	60	4055	53.2	121.3		GGGG	
09155W	2729N	1826-15571	00000/0000	1-10031/0595	10/27/74	50	1517	41.2	141.8		GPPP	
09155W	2727N	1844-15563	00000/0000	1-10032/0076	11/14/74	20	1768	36.5	145.3		PGGG	
09155W	2727N	5078-15452	00000/0000	1-10039/0385	07/06/75	90	5031	56.6	89.8		GPFG	
09156W	4140N	5045-16002	00000/0000	1-10038/0563	06/03/75	0	4571	57.5	116.9		GFGG	
09156W	4138N	5009-16021	00000/0000	1-10037/0471	04/28/75	30	4069	51.8	127.0		GGGG	
09156W	3725N	5044-15555	00000/0000	1-10038/0492	06/02/75	10	4557	58.3	109.6		FFGG	
09156W	3722N	5026-15565	00000/0000	1-10037/0821	05/15/75	20	4306	56.7	115.1		GGGG	
09156W	2728N	1934-15524	00000/0000	1-10034/0356	02/12/75	30	3023	35.2	134.0		FGGG	
09156W	2723N	1736-16000	00000/0000	1-10027/0036	07/29/74	60	262	58.2	98.5		GGGG	
09156W	2722N	1880-15550	00000/0000	1-10033/0166	12/20/74	100	2270	30.3	145.2		FFFG	
09157W	4141N	5027-16012	00000/0000	1-10038/0242	05/16/75	10	4320	55.6	121.7		GGGG	
09157W	2725N	1862-15554	00000/0000	1-10032/0689	12/02/74	40	2019	32.6	146.3		GPFG	
09158W	4851N	5011-16113	00000/0000	1-10038/0148	04/30/75	100	4097	48.8	136.0		FFFF	

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 PRODUCTS ALREADY MADE R=MADE FROM RBV, M=MADE FROM MSS, B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09158W 4851N	5065-16083	00000/0000	1-10039/0174	06/23/75	40	4850	55.2	126.0	G	FF	
09158W 2719N	1898-15542	00000/0000	1-10033/0758	01/07/75	50	2521	30.0	142.4	GGGG		
09200W 4848N	5029-16103	00000/0000	1-10038/0039	05/18/75	40	4348	53.0	132.1	PFGG		
09200W 3140N	1791-16022	00000/0000	1-10030/0468	09/22/74	0	1029	48.0	132.5	GGGG		
09200W 2723N	5006-15492	00000/0000	1-10037/0507	04/25/75	30	4027	55.2	107.2	FFFFG		
09205W 3152N	1809-16020	00000/0000	1-10030/1224	10/10/74	0	1280	43.0	140.0	GGGG		
09206W 4440N	1812-16152	00000/0000	1-10030/1366	10/13/74	100	1322	33.0	150.4	GPG		
09206W 4435N	1794-16154	00000/0000	1-10030/0416	09/25/74	0	1071	39.0	145.7	GGGG		
09207W 4433N	1848-16142	00000/0000	1-10032/0198	11/18/74	90	1824	22.3	154.6	PPP		
09207W 3139N	1773-16030	00000/0000	1-10029/0775	09/04/74	60	778	52.2	123.6	GGGG		
09208W 3142N	1881-15593	00000/0000	1-10033/0796	12/21/74	0	2284	27.1	147.2	GF F		
09208W 3139N	1755-16035	00000/0000	1-10027/1850	08/17/74	10	527	55.4	114.4	PPPP		
09209W 4441N	1830-16150	00000/0000	1-10031/0718	10/31/74	90	1573	27.2	153.4	PPPP		
09209W 4428N	1776-16162	00000/0000	1-10029/0995	09/07/74	100	820	44.7	139.9	GGFG		
09209W 4048N	1937-16060	00000/0000	1-10034/0401	02/15/75	100	3065	27.8	141.7	GGGG		
09209W 3149N	5079-15495	00000/0000	1-10039/0471	07/07/75	10	5045	57.0	97.1	GGGG		
09209W 3148N	1827-16014	00000/0000	1-10031/0653	10/28/74	100	1531	37.9	145.1	GGGP		
09209W 3139N	1899-15584	00000/0000	1-10033/0772	01/08/75	40	2535	27.0	144.4	GGGG		
09210W 3558N	1792-16064	00000/0000	1-10030/0538	09/23/74	20	1043	45.3	137.3	GGGP		
09210W 3146N	1935-15571	00000/0000	1-10034/0536	02/13/75	20	3037	33.0	136.6	GGGF		
09210W 3143N	1863-16001	00000/0000	1-10032/0718	12/03/74	0	2033	29.3	148.5	GGGG		
09210W 3140N	1737-16043	00000/0000	1-10027/0145	07/30/74	40	276	57.9	106.4	GPG		
09211W 4444N	1956-16094	00000/0000	1-10035/0766	03/06/75	60	3330	31.7	141.0	GGFG		
09211W 4440N	1938-16103	00000/0000	1-10034/0413	02/16/75	90	3079	25.6	143.8	GGGG		
09211W 4432N	1740-16175	00000/0000	1-10027/1046	08/02/74	80	318	53.8	128.3	GGGG		
09211W 3147N	1971-15553	00000/0000	1-10038/0028	03/21/75	90	3539	44.2	126.7	GGGG		
09211W 3144N	1845-16005	00000/0000	1-10032/0149	11/15/74	0	1782	33.0	147.9	GGG		
09212W 4442N	5082-16030	00000/0000	1-10040/0087	07/10/75	60	5087	55.1	119.2	GGFG		
09212W 4434N	1866-16133	00000/0000	1-10032/1041	12/06/74	100	2075	18.7	154.2	FFFF		
09212W 3608N	1810-16062	00000/0000	1-10030/1227	10/11/74	0	1294	39.8	143.8	GGG		
09212W 3145N	1953-15562	00000/0000	1-10035/0493	03/03/75	90	3288	38.3	131.9	GGGG		
09213W 4441N	1992-16080	00000/0000	1-10037/0162	04/11/75	10	3832	45.1	134.8	GGGG		
09213W 4430N	1758-16171	00000/0000	1-10028/0110	08/20/74	10	569	49.7	133.8	PPPG		M
09213W 4430N	1884-16125	00000/0000	1-10033/0289	12/24/74	80	2326	17.2	152.4	GGGF		
09213W 4427N	1902-16120	00000/0000	00000/0000	01/11/75	100	2577	17.9	149.7	GGGG		

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 COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09213W	4013N	1793-16111	00000/0000	1-10030/0558	09/24/74	40	1057	42.3	141.7		PGGG				
09213W	3558N	1774-16073	00000/0000	1-10029/0899	09/05/74	80	792	50.0	129.6		GGGG				
09214W	2605N	1808-15575	00000/0000	1-10030/1198	10/09/74	30	1266	46.8	134.3		PGGP				
09215W	4437N	1974-16085	00000/0000	1-10036/0298	03/24/75	100	3581	38.5	138.1		FFGF				
09215W	4023N	1811-16105	00000/0000	1-10030/1306	10/12/74	100	1308	36.5	147.2		PGPP				
09216W	4014N	1775-16120	00000/0000	1-10029/0911	09/06/74	40	806	47.5	135.0		GGGG				
09216W	3557N	1738-16085	00000/0000	1-10027/0954	07/31/74	10	290	57.1	114.1		GGGG				
09217W	4027N	5081-15584	00000/0000	1-10039/0492	07/09/75	10	5073	56.3	112.0		GGGG				
09217W	4025N	1829-16103	00000/0000	1-10031/0765	10/30/74	100	1559	30.9	150.9		PPGP				
09217W	3606N	1936-16014	00000/0000	1-10034/0211	02/14/75	80	3051	30.6	139.1		GGGG				
09217W	3605N	5080-15541	00000/0000	1-10039/0482	07/08/75	40	5059	56.9	104.5		FGGG				
09217W	3604N	1828-16060	00000/0000	1-10031/0355	10/29/74	70	1545	34.5	148.1		PGPP				
09217W	3554N	1756-16081	00000/0000	1-10028/0054	08/18/74	20	541	54.0	121.4		PPPP				
09217W	2555N	1772-15590	00000/0000	1-10029/0819	09/03/74	80	764	54.3	115.2		GGGG				
09217W	2554N	1754-15594	00000/0000	1-10027/1837	08/16/74	10	513	56.5	104.8		P				
09218W	4431N	5010-16070	00000/0000	1-10038/0110	04/29/75	60	4083	50.7	130.6		GGFG				
09218W	4431N	5046-16051	00000/0000	1-10039/0019	06/04/75	80	4585	56.7	121.5		GGFG				
09218W	4029N	1955-16051	00000/0000	1-10035/0642	03/05/75	90	3316	34.0	138.1		GFFF				
09218W	4012N	1757-16124	00000/0000	1-10028/0085	08/19/74	0	555	52.0	127.8		GGGG				
09218W	3605N	1990-15590	00000/0000	1-10037/0123	04/09/75	60	3804	48.6	125.5		FGFG				
09218W	3600N	1882-16035	00000/0000	1-10033/0013	12/22/74	90	2298	23.8	149.0		FGFG				
09219W	4430N	5028-16061	00000/0000	1-10038/0167	05/17/75	10	4334	54.7	125.9		GGGG				
09219W	3602N	1846-16052	00000/0000	1-10032/0159	11/16/74	100	1796	29.5	150.3		PPPP				
09219W	3559N	1864-16044	00000/0000	1-10032/0780	12/04/74	10	2047	25.8	150.5		GGGG				
09219W	3555N	1900-16031	00000/0000	1-10033/0786	01/09/75	10	2549	24.0	146.3		FGGG				
09219W	2601N	5078-15455	00000/0000	1-10040/0044	07/06/75	70	5031	56.3	87.5		FFFF				
09219W	2556N	1736-16002	00000/0000	1-10027/0037	07/29/74	40	262	58.1	96.0		GGGG				
09220W	4019N	1865-16090	00000/0000	1-10032/0839	12/05/74	10	2061	22.3	152.4		GGGG				
09220W	4015N	1739-16132	00000/0000	1-10027/1035	08/01/74	100	304	55.7	121.4		GGG				
09220W	4015N	1883-16082	00000/0000	1-10033/0247	12/23/74	90	2312	20.5	150.7		FFFG				
09220W	3602N	1954-16005	00000/0000	1-10035/0627	03/04/75	50	3302	36.3	135.0		FGFG				
09220W	2602N	1934-15531	00000/0000	1-10034/0335	02/12/75	40	3023	36.0	133.0		FFGF				
09220W	2555N	1880-15553	00000/0000	1-10033/0167	12/20/74	100	2270	31.3	144.4		FFFG				
09221W	4023N	1973-16043	00000/0000	1-10036/0227	03/23/75	100	3567	40.6	134.4		FFFF				
09221W	4023N	1991-16033	00000/0000	00000/0000	04/10/75	100	3818	46.9	130.3		FGGG				

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P B P C C D D
09221W 4011N	1901-16074	00000/0000	1-10033/0834	01/10/75	100	2563	21.0	148.0		FF F	
09221W 3602N	1972-16000	00000/0000	1-10035/1139	03/22/75	10	3553	42.5	130.6		GGFG	
09221W 2553N	1898-15544	00000/0000	1-10033/0759	01/07/75	30	2521	30.9	141.6		GGGG	
09222W 4722N	1795-16203	00000/0000	1-10030/0705	09/26/74	0	1085	36.7	148.3		GGGG	
09222W 3558N	5008-15581	00000/0000	1-10037/0457	04/27/75	70	4055	53.7	119.3		GGGG	
09223W 3559N	5044-15562	00000/0000	1-10038/0493	06/02/75	50	4557	58.5	107.0		FGGG	
09223W 3556N	5026-15572	00000/0000	1-10037/0822	05/15/75	40	4306	57.0	112.7		GGFG	
09223W 2556N	5006-15494	00000/0000	1-10038/0118	04/25/75	20	4027	55.3	105.0		FGGG	
09225W 4732N	1813-16202	00000/0000	1-10030/1385	10/14/74	90	1336	30.5	152.5		GFG	
09225W 4015N	5045-16004	00000/0000	1-10038/0564	06/03/75	10	4571	57.8	114.4		GGGG	
09226W 4015N	5027-16014	00000/0000	1-10038/0243	05/16/75	10	4320	56.1	119.4		GGGG	
09226W 4013N	5009-16024	00000/0000	1-10037/0472	04/28/75	10	4069	52.4	125.1		GGGG	
09226W 3014N	1791-16024	00000/0000	1-10030/0469	09/22/74	30	1029	48.8	130.9		GGGG	
09227W 4735N	1957-16143	00000/0000	1-10035/0800	03/07/75	30	3344	30.2	142.9		GGGG	
09228W 4733N	1939-16152	00000/0000	1-10034/0489	02/17/75	100	3093	23.9	145.4		GGGG	
09228W 4725N	1849-16191	00000/0000	1-10032/0311	11/19/74	100	1838	19.7	156.0		PPPP	
09228W 4718N	1777-16212	00000/0000	1-10029/1036	09/08/74	90	834	42.6	143.0		GGGG	
09229W 4723N	1867-16182	00000/0000	1-10032/0880	12/07/74	80	2089	16.3	155.4		GGGG	
09229W 4721N	1759-16220	00000/0000	1-10029/0069	08/21/74	100	583	47.8	137.6		GGGP	
09230W 4724N	1921-16161	00000/0000	1-10034/0249	01/30/75	20	2842	19.0	148.0		FGGG	
09230W 4722N	1741-16224	00000/0000	1-10027/0960	08/03/74	60	332	52.2	132.6		GGGG	
09230W 3025N	1809-16022	00000/0000	1-10030/1225	10/10/74	0	1280	43.9	138.7		GGGG	
09231W 4733N	1993-16125	00000/0000	1-10037/0063	04/12/75	0	3846	43.8	137.7		GGFG	
09231W 4731N	5083-16075	00000/0000	1-10040/0098	07/11/75	70	5101	54.1	123.8		GGFG	
09232W 4730N	1975-16134	00000/0000	1-10036/0233	03/25/75	10	3595	37.2	140.4		FGFG	
09232W 3014N	1773-16033	00000/0000	1-10029/0776	09/04/74	20	778	52.7	121.7		GGGG	
09233W 3015N	1881-15595	00000/0000	1-10033/0797	12/21/74	0	2284	28.1	146.5		FGFF	
09233W 3014N	1755-16041	00000/0000	1-10027/1851	08/17/74	40	527	55.8	112.2		GGGG	
09234W 4727N	5011-16115	00000/0000	1-10038/0149	04/30/75	90	4097	49.5	134.2		GGFF	
09234W 4727N	5065-16090	00000/0000	1-10039/0175	06/23/75	10	4850	55.8	123.7		F FG	
09234W 3021N	1827-16020	00000/0000	1-10031/0654	10/28/74	100	1531	38.9	144.1		GGGP	
09234W 3013N	1899-15591	00000/0000	1-10033/0773	01/08/75	40	2535	28.0	143.7		GGGG	
09235W 3020N	1935-15574	00000/0000	1-10034/0537	02/13/75	20	3037	33.8	135.6		FGGG	
09235W 3017N	1863-16004	00000/0000	1-10032/0719	12/03/74	0	2033	30.3	147.8		GGG	
09235W 3015N	1737-16045	00000/0000	1-10027/0146	07/30/74	20	276	58.0	103.9		GGGG	

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03:20 SEP 30, '75

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0461

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09236W	4723N	5029-16110	00000/0000	1-10038/0040	05/18/75	10	4348	53.6	130.0		PGGG				
09236W	3022N	1971-15560	00000/0000	1-10038/0029	03/21/75	80	3539	44.8	125.3		FGGG				
09236W	3019N	1953-15565	00000/0000	1-10035/0494	03/03/75	80	3288	39.0	130.8		GFGG				
09237W	3433N	1792-16071	00000/0000	1-10030/0539	09/23/74	10	1043	46.1	135.9		PGGP				
09238W	4315N	1812-16155	00000/0000	1-10030/1367	10/13/74	100	1322	34.1	149.4		PGPG				
09238W	4309N	1794-16160	00000/0000	1-10030/0417	09/25/74	0	1071	40.0	144.5		GGGG				M
09238W	3923N	1937-16062	00000/0000	1-10034/0402	02/15/75	100	3065	28.8	140.9		FGGG				
09238W	3442N	1810-16065	00000/0000	1-10030/1228	10/11/74	20	1294	40.8	142.7		GGPG				
09239W	4308N	1848-16144	00000/0000	1-10032/0199	11/18/74	90	1824	23.4	153.9		PPG				
09239W	3433N	1774-16080	00000/0000	1-10029/0900	09/05/74	60	792	50.7	127.8		GGGG				
09241W	4303N	1776-16165	00000/0000	1-10029/0996	09/07/74	80	820	45.6	138.4		PGPG				
09242W	4315N	1830-16152	00000/0000	1-10031/0719	10/31/74	90	1573	28.3	152.6		GPPP				
09242W	3847N	1793-16114	00000/0000	1-10030/0559	09/24/74	80	1057	43.2	140.4		PGGG				
09243W	4318N	1956-16101	00000/0000	1-10035/0767	03/06/75	90	3330	32.6	140.0		GGGG				
09243W	3439N	1828-16063	00000/0000	1-10031/0356	10/29/74	60	1545	35.5	147.2		GGPG				
09243W	3432N	1738-16092	00000/0000	1-10027/0955	07/31/74	30	290	57.4	111.7		GGGG				
09244W	4317N	5082-16033	00000/0000	1-10040/0088	07/10/75	40	5087	55.5	116.9		FGFG				
09244W	4315N	1938-16105	00000/0000	1-10034/0414	02/16/75	90	3079	26.5	143.0		GGGF				
09244W	4309N	1866-16140	00000/0000	1-10032/1042	12/06/74	100	2075	19.9	153.6		FFFF				
09244W	4306N	1740-16181	00000/0000	1-10027/1047	08/02/74	80	318	54.4	126.1		GGGG				
09244W	3858N	1811-16112	00000/0000	1-10030/1307	10/12/74	100	1308	37.5	146.2		PGPP				M
09244W	3440N	1936-16020	00000/0000	1-10034/0212	02/14/75	10	3051	31.5	138.2		GGGF				
09244W	3439N	5080-15544	00000/0000	1-10039/0483	07/08/75	20	5059	57.0	102.1		FGGG				
09244W	3434N	1882-16042	00000/0000	1-10033/0014	12/22/74	40	2298	24.9	148.4		GGGF				
09244W	3429N	1756-16084	00000/0000	1-10028/0055	08/18/74	50	541	54.5	119.3		PP P				
09245W	4316N	1992-16082	00000/0000	1-10037/0163	04/11/75	10	3832	45.8	133.2		FFFG				
09245W	4305N	1884-16131	00000/0000	1-10033/0290	12/24/74	70	2326	18.3	151.8		FFFF				
09245W	4304N	1758-16173	00000/0000	1-10028/0111	08/20/74	10	569	50.4	132.0		PGPP				M
09245W	3848N	1775-16122	00000/0000	1-10029/0912	09/06/74	40	806	48.3	133.4		GGGG				
09245W	3439N	1990-15593	00000/0000	1-10037/0124	04/09/75	70	3804	49.2	123.8		GFGG				
09245W	3433N	1864-16050	00000/0000	1-10032/0781	12/04/74	0	2047	26.9	149.8		PGGG				
09246W	4302N	1902-16123	00000/0000	00000/0000	01/11/75	100	2577	19.0	149.1		GGGG				
09246W	3901N	5081-15590	00000/0000	1-10039/0493	07/09/75	30	5073	56.5	109.6		GGFG				
09246W	3900N	1829-16110	00000/0000	1-10031/0766	10/30/74	40	1559	32.0	150.0		GPGG				
09246W	3436N	1846-16055	00000/0000	1-10032/0160	11/16/74	100	1796	30.6	149.6		PPPP				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER, ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED, G=GOOD, P=POOR, F=FAIR.
PRODUCTS ALREADY MADE R=MADE FROM RBV, M=MADE FROM MSS, B=MADE FROM RBV AND MSS.

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
09246W	3430N	1900-16034	00000/0000	1-10033/0787	01/09/75	30	2549	25.0	145.6		FGGG					
09247W	3903N	1955-16054	00000/0000	1-10035/0643	03/05/75	#0	3316	34.9	137.1		GFGF					
09247W	3847N	1757-16131	00000/0000	1-10028/0086	08/19/74	60	555	52.7	125.8		GGGP					
09247W	3436N	1954-16011	00000/0000	1-10035/0628	03/04/75	#0	3302	37.1	133.9		GGGG					
09248W	4312N	1974-16092	00000/0000	1-10036/0299	03/24/75	100	3581	39.4	136.8		FFGF					
09248W	3849N	1739-16134	00000/0000	1-10027/1036	08/01/74	80	304	56.1	119.1		GGGG					
09248W	3436N	1972-16002	00000/0000	1-10035/1140	03/22/75	0	3553	43.2	129.2		GGFG					
09249W	3857N	1991-16040	00000/0000	00000/0000	04/10/75	90	3818	47.6	128.6		GGGG					
09249W	3854N	1865-16093	00000/0000	1-10032/0840	12/05/74	20	2061	23.4	151.8		GGGG					
09249W	3853N	1847-16101	00000/0000	1-10032/0202	11/17/74	30	1810	27.1	151.8		GGGG					
09249W	3850N	1883-16085	00000/0000	1-10033/0248	12/23/74	100	2312	21.6	150.1		GFPG					
09249W	3434N	5044-15564	00000/0000	1-10038/0534	06/02/75	10	4557	58.6	104.5		FGGF					
09249W	3432N	5008-15584	00000/0000	1-10037/0458	04/27/75	70	4055	54.1	117.2		GGGG					
09249W	3430N	5026-15574	00000/0000	1-10037/0823	05/15/75	70	4306	57.3	110.3		GFPG					
09250W	4306N	5046-16053	00000/0000	1-10039/0020	06/04/75	40	4585	57.1	119.1		GGFG					
09250W	4305N	5010-16073	00000/0000	1-10038/0111	04/29/75	30	4083	51.4	128.7		GGFG					
09250W	3857N	1973-16045	00000/0000	1-10036/0228	03/23/75	70	3567	41.4	133.1		FGGG					
09250W	3846N	1901-16080	00000/0000	1-10033/0835	01/10/75	100	2563	22.0	147.4		GF F					
09251W	2849N	1791-16031	00000/0000	1-10030/0470	09/22/74	80	1029	49.5	129.3		GGGG					
09253W	3849N	5045-16011	00000/0000	1-10038/0565	06/03/75	10	4571	58.1	111.9		GGGG					
09254W	2858N	1809-16025	00000/0000	1-10030/1226	10/10/74	10	1280	44.8	137.5		FGGP					
09255W	3850N	5027-16021	00000/0000	1-10038/0244	05/16/75	10	4320	56.5	117.1		GGGF					
09255W	3849N	5009-16030	00000/0000	1-10037/0473	04/28/75	40	4069	52.9	123.1		FGFG					
09256W	2848N	1773-16035	00000/0000	1-10029/0777	09/04/74	90	778	53.2	119.8		GGGG					
09257W	4558N	1795-16205	00000/0000	1-10030/0706	09/26/74	0	1085	37.7	147.1		GGGG					
09257W	2857N	5079-15504	00000/0000	1-10039/0461	07/07/75	20	5045	56.7	92.4		F					
09257W	2850N	1881-16002	00000/0000	1-10033/0206	12/21/74	30	2284	29.2	145.8		FFFG					
09257W	2849N	1755-16044	00000/0000	1-10027/1852	08/17/74	20	527	56.0	109.9		GGGG					
09258W	2855N	1827-16023	00000/0000	1-10031/0655	10/28/74	90	1531	39.9	143.1		GGG					
09258W	2854N	1935-15580	00000/0000	1-10034/0538	02/13/75	50	3037	34.6	134.7		GFGG					
09258W	2850N	1863-16010	00000/0000	1-10032/0720	12/03/74	0	2033	31.4	147.0		PPP					
09258W	2848N	1737-16052	00000/0000	1-10027/0147	07/30/74	40	276	58.1	101.4		GGGG					
09259W	2847N	1899-15593	00000/0000	1-10033/0774	01/08/75	50	2535	29.0	143.0		FGGG					
09300W	4607N	1813-16204	00000/0000	1-10030/1386	10/14/74	90	1336	31.6	151.5		GPG					
09300W	2855N	1971-15562	00000/0000	1-10038/0030	03/21/75	20	3539	45.4	123.8		FGGF					

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PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09300W 2852N	1953-15571	00000/0000	1-10035/0495	09/03/75	70	3288	39.8	129.6		GGGG	
09302W 4552N	1777-16214	00000/0000	1-10029/1037	09/08/74	30	834	43.5	141.6		GGGG	
09303W 4609N	1957-16150	00000/0000	1-10035/0801	03/07/75	20	3344	31.2	141.9		GGGG	
09303W 4608N	1939-16155	00000/0000	1-10034/0490	02/17/75	100	3093	24.9	144.5		GGGG	
09304W 4600N	1849-16193	00000/0000	1-10032/0312	11/19/74	100	1838	20.9	155.3		PPPP	
09304W 4558N	1867-16185	00000/0000	1-10032/0881	12/07/74	50	2089	17.4	154.8		GGGG	
09304W 4556N	1759-16222	00000/0000	1-10029/0070	08/21/74	100	583	48.6	135.9		GGGP	
09304W 3316N	1810-16071	00000/0000	1-10030/1229	10/11/74	10	1294	41.8	141.5		PGGG	
09304W 3307N	1792-16073	00000/0000	1-10030/0540	09/23/74	50	1043	46.9	134.5		PGGG	
09305W 4606N	5083-16082	00000/0000	1-10040/0099	07/11/75	60	5101	54.6	121.6		GGFG	
09305W 4559N	1921-16163	00000/0000	1-10034/0250	01/30/75	30	2842	20.0	147.3		GGGG	
09305W 4558N	1741-16230	00000/0000	1-10027/0961	08/03/74	70	332	52.9	130.6		GGGG	
09305W 3307N	1774-16082	00000/0000	1-10029/0901	09/05/74	30	792	51.3	126.1		GGGG	
09306W 4608N	1993-16131	00000/0000	1-10037/0064	04/12/75	20	3846	44.6	136.2		FGFG	M
09307W 4605N	1975-16141	00000/0000	1-10036/0234	03/25/75	10	3595	38.0	139.2		FGFG	
09307W 3757N	1937-16065	00000/0000	1-10034/0403	02/15/75	100	3065	29.7	140.0		GGGG	
09309W 4601N	5011-16122	00000/0000	1-10038/0150	04/30/75	90	4097	50.3	132.3		GGFG	
09309W 4143N	1794-16163	00000/0000	1-10030/0418	09/25/74	0	1071	41.0	143.3		PGGG	
09309W 3308N	1882-16044	00000/0000	1-10033/0015	12/22/74	10	2298	26.0	147.7		GGGG	
09309W 3307N	1738-16094	00000/0000	1-10027/0956	07/31/74	60	290	57.6	109.2		GGGG	
09310W 4150N	1812-16161	00000/0000	1-10030/1368	10/13/74	100	1322	35.1	148.5		GPFG	
09310W 3722N	1793-16120	00000/0000	1-10030/0560	09/24/74	100	1057	44.1	139.1		GPFG	
09310W 3314N	1936-16023	00000/0000	1-10034/0213	02/14/75	10	3051	32.3	137.3		GGGG	
09310W 3313N	1828-16065	00000/0000	1-10031/0357	10/29/74	70	1545	36.6	146.3		GGPP	
09310W 3304N	1756-16090	00000/0000	1-10028/0056	08/18/74	70	541	54.9	117.1		PP P	
09311W 4857N	1814-16254	00000/0000	1-10030/1480	10/15/74	100	1350	29.0	153.6		GGPG	
09311W 4849N	1796-16254	00000/0000	1-10030/0753	09/27/74	90	1099	35.3	149.6		GGGG	
09311W 4558N	5029-16112	00000/0000	1-10038/0041	05/18/75	10	4348	54.3	127.9		PGGG	
09311W 4142N	1848-16151	00000/0000	1-10032/0200	11/18/74	100	1824	24.6	153.3		PPP	
09311W 3313N	1990-15595	00000/0000	1-10037/0125	04/09/75	60	3804	49.7	122.0		FFFF	
09311W 3307N	1864-16053	00000/0000	1-10032/0782	12/04/74	0	2047	28.0	149.1		GGGP	
09312W 4138N	1776-16171	00000/0000	1-10029/0997	09/07/74	30	820	46.4	136.9		PGGG	
09312W 3310N	1846-16061	00000/0000	1-10032/0161	11/16/74	100	1796	31.7	148.8		PPPP	
09312W 3304N	1900-16040	00000/0000	1-10033/0788	01/09/75	60	2549	26.1	144.9		GGFG	
09313W 4149N	1830-16155	00000/0000	1-10031/0720	10/31/74	100	1573	29.4	151.8		PPPP	

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COORDINATE LISTING WITH PRODUCT DATA
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FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09313W	3733N	1811-16114	00000/0000	1-10030/1308	10/12/74	100	1308	38.6	145.1		P	G	G	G	P
09313W	3720N	1775-16125	00000/0000	1-10029/0913	09/06/74	40	806	49.1	131.7		G	G	G	G	
09313W	3309N	1954-16014	00000/0000	1-10035/0629	03/04/75	70	3302	37.9	132.8		F	G	F	F	
09314W	4153N	1956-16103	00000/0000	1-10035/0768	03/06/75	100	3330	33.5	139.0		G	G	F	F	
09314W	3735N	5081-15593	00000/0000	1-10039/0494	07/09/75	40	5073	56.7	107.2		G	G	G	G	
09314W	3734N	1829-16112	00000/0000	1-10031/0767	10/30/74	30	1559	33.0	149.2		G	P	G	P	
09314W	3310N	1972-16005	00000/0000	1-10035/1141	03/22/75	50	3553	43.9	127.8		F	F	F	G	
09315W	4151N	5082-16095	00000/0000	1-10040/0089	07/10/75	30	5087	55.9	114.5		F	F	F	G	
09315W	4149N	1938-16112	00000/0000	1-10034/0415	02/16/75	100	3079	27.5	142.2		G	G	G	F	
09315W	4140N	1740-16184	00000/0000	1-10027/1048	08/02/74	90	318	55.0	124.0		G	G	G	G	
09315W	4140N	1884-16134	00000/0000	1-10033/0291	12/24/74	70	2326	19.4	151.2		F	G	G	G	
09315W	4139N	1758-16180	00000/0000	1-10028/0112	08/20/74	10	569	51.1	130.1		P	P	G	P	
09315W	3721N	1757-16133	00000/0000	1-10028/0087	08/19/74	100	555	53.2	123.8		G	P	P	P	
09315W	3309N	5044-15571	00000/0000	1-10038/0535	06/02/75	0	4557	58.7	101.9		F	G	F	G	
09315W	3306N	5008-15590	00000/0000	1-10037/0459	04/27/75	30	4055	54.5	115.0		G	F	G	G	
09315W	3305N	5026-15581	00000/0000	1-10037/0824	05/15/75	100	4306	57.5	107.8		F	F	F	G	
09316W	4855N	1832-16251	00000/0000	1-10031/0812	11/02/74	100	1601	23.2	155.9		P	P	P		
09316W	4144N	1866-16142	00000/0000	1-10032/1043	12/06/74	100	2075	21.0	153.0		F	F	F	F	
09316W	3737N	1955-16060	00000/0000	1-10035/0644	03/05/75	10	3316	35.7	136.0		G	G	G	G	
09316W	3724N	1739-16141	00000/0000	1-10027/1037	08/01/74	30	304	56.6	116.8		G	G	P	G	
09316W	2722N	1791-16033	00000/0000	1-10030/0471	09/22/74	70	1029	50.2	127.7		P	G	G	G	
09317W	4852N	1850-16242	00000/0000	1-10032/0329	11/20/74	100	1852	18.3	156.7		P	G	P	P	
09317W	4842N	1778-16263	00000/0000	1-10029/1085	09/09/74	60	848	41.4	144.7		G	G	G	G	
09317W	4136N	1902-16125	00000/0000	00000/0000	01/11/75	100	2577	20.0	148.5		F	G	G	G	
09317W	3731N	1991-16042	00000/0000	00000/0000	04/10/75	70	3818	48.3	126.9		G	F	G	G	
09317W	3728N	1865-16095	00000/0000	1-10032/0841	12/05/74	70	2061	24.5	151.1		G	G	G	G	
09317W	3724N	1883-16091	00000/0000	1-10033/0249	12/23/74	90	2312	22.7	149.5		F	G	F	G	
09318W	4900N	1958-16195	00000/0000	1-10035/0748	03/08/75	0	3358	29.7	143.8		G	G	F	G	
09318W	4857N	1940-16204	00000/0000	1-10034/0429	02/18/75	20	3107	23.3	146.1		G	G	G	G	
09318W	3732N	1973-16052	00000/0000	1-10036/0229	03/23/75	70	3567	42.1	131.8		F	F	F	G	
09318W	3727N	1847-16104	00000/0000	1-10032/0203	11/17/74	90	1810	28.2	151.1		G	G	G	G	
09318W	3720N	1901-16083	00000/0000	1-10033/0836	01/10/75	80	2563	23.1	146.7		G	G	F		
09319W	4858N	1976-16190	00000/0000	1-10036/0325	03/26/75	60	3609	36.6	141.6		G	G	F	F	
09319W	4851N	1922-16213	00000/0000	1-10035/0218	01/31/75	10	2856	18.1	148.6		G	G	G	G	
09319W	4848N	1886-16230	00000/0000	1-10033/0377	12/26/74	50	2354	13.8	154.0		F	G	G	F	

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03:20 SEP 30, 1975

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P P B P C C D D
09319W 4846N	1760-16272	00000/0000	1-10029/0051	08/22/74	90	597	46.7	139.5		GGGG	
09319W 4146N	1974-16094	00000/0000	1-10036/0300	03/24/75	100	3581	40.2	135.5		FGGG	
09320W 3723N	5045-16013	00000/0000	1-10038/0566	06/03/75	10	4571	58.4	109.3		FGFG	
09320W 2722N	1773-16042	00000/0000	1-10029/0778	09/04/74	100	778	53.7	117.8		GGGG	
09321W 4855N	1994-16180	00000/0000	1-10037/0164	04/13/75	0	3860	43.3	139.0		FGPG	
09321W 4142N	5046-16060	00000/0000	1-10039/0021	06/04/75	10	4585	57.5	116.6		FFGG	
09321W 4140N	5010-16075	00000/0000	1-10038/0112	04/29/75	50	4083	52.0	126.8		GGFG	
09321W 2724N	1881-16004	00000/0000	1-10033/0207	12/21/74	20	2284	30.2	145.1		GGFF	
09321W 2722N	1755-16050	00000/0000	1-10027/1853	08/17/74	10	527	56.2	107.7		GGG	
09321W 2721N	1737-16054	00000/0000	1-10027/0148	07/30/74	40	276	58.1	98.9		GGGG	
09322W 4140N	5028-16070	00000/0000	1-10038/0168	05/17/75	0	4334	55.8	121.4		GGGG	
09322W 3724N	5009-16033	00000/0000	1-10037/0474	04/28/75	70	4069	53.4	121.0		GGFG	
09322W 2728N	1827-16025	00000/0000	1-10031/0656	10/28/74	50	1531	40.9	142.0		GGGG	
09323W 4854N	5066-16141	00000/0000	1-10039/0176	06/24/75	0	4864	55.2	126.0		F GE	
09323W 4844N	1742-16280	00000/0000	1-10027/1220	08/04/74	40	346	51.3	134.8		GGGG	M
09323W 3724N	5027-16023	00000/0000	1-10038/0051	05/16/75	0	4320	56.9	114.7		GFG	
09323W 2721N	1899-16000	00000/0000	1-10033/0775	01/08/75	40	2535	30.0	142.2		FGFG	
09324W 2726N	1953-15574	00000/0000	1-10035/0496	03/03/75	60	3288	40.5	128.4		GGGG	
09325W 4849N	5012-16171	00000/0000	1-10037/0508	05/01/75	90	4111	49.1	135.7		GGGG	
09326W 4845N	5030-16162	00000/0000	1-10038/0220	05/19/75	50	4362	53.2	131.8		FFGG	
09329W 3150N	1810-16074	00000/0000	1-10030/1230	10/11/74	10	1294	42.7	140.3		GGG	
09329W 3141N	1792-16080	00000/0000	1-10030/0541	09/23/74	60	1043	47.7	133.0		PGGP	
09330W 4433N	1795-16212	00000/0000	1-10030/0707	09/26/74	0	1085	58.7	146.0		GGGG	
09330W 3141N	1774-16085	00000/0000	1-10029/0902	09/05/74	40	792	51.9	124.2		GGGG	
09334W 4441N	1813-16211	00000/0000	1-10030/1387	10/14/74	90	1336	32.6	150.6		FGPG	
09335W 3631N	1937-16071	00000/0000	1-10034/0404	02/15/75	100	3065	30.6	139.1		FGGG	
09335W 3148N	5080-15553	00000/0000	1-10039/0484	07/08/75	90	5059	56.9	97.3		GGG	
09335W 3142N	1738-16101	00000/0000	1-10027/0976	07/31/74	80	290	57.8	106.8		PGPP	
09335W 3142N	1882-16051	00000/0000	1-10033/0016	12/22/74	10	2298	27.0	147.0		GGFG	
09335W 3139N	1756-16093	00000/0000	1-10028/0057	08/18/74	60	541	55.3	114.9		PP P	
09336W 4443N	1939-16161	00000/0000	1-10034/0491	02/17/75	90	3093	25.9	143.7		GGGG	
09336W 4440N	1831-16204	00000/0000	1-10031/0821	11/01/74	50	1587	26.9	153.5		PGGG	
09336W 4428N	1777-16221	00000/0000	1-10029/1038	09/08/74	80	834	44.4	140.2		GPGG	
09336W 3148N	1936-16025	00000/0000	1-10034/0214	02/14/75	10	3051	33.2	136.4		GGGG	
09336W 3147N	1828-16072	00000/0000	1-10031/0358	10/29/74	70	1545	37.6	145.3		GGPP	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD, P=POOR, F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS			
LONG	LAT											B	P	P	B
09336W	3141N	1864-16055	00000/0000	1-10032/0783	12/04/74	0	2047	29.1	148.5		PGPG				
09337W	4444N	1957-16152	00000/0000	1-10035/0802	03/07/75	10	3344	32.1	140.9		GGGG				
09337W	4435N	1849-16200	00000/0000	1-10032/0313	11/19/74	90	1838	22.0	154.6		PPPP				
09337W	3556N	1793-16123	00000/0000	1-10030/0561	09/24/74	100	1057	45.0	137.7		GPPP				
09337W	3147N	1990-16002	00000/0000	1-10037/0126	04/09/75	50	3804	50.2	120.3		FFGF				
09337W	3144N	1846-16064	00000/0000	1-10032/0162	11/16/74	100	1796	32.8	148.0		PPPP				
09337W	3138N	1900-16043	00000/0000	1-10033/0789	01/09/75	90	2549	27.1	144.2		GFFF				
09338W	4434N	1867-16191	00000/0000	1-10032/0882	12/07/74	30	2089	18.6	154.1		GGGG				
09338W	4432N	1741-16233	00000/0000	1-10027/0962	08/03/74	80	332	53.6	128.6		GGG				
09338W	4431N	1759-16225	00000/0000	1-10029/0071	08/21/74	90	583	49.4	134.1		GGGP				
09338W	3143N	1954-16020	00000/0000	1-10035/0630	03/04/75	100	3302	38.6	131.6		FPGG				
09339W	4440N	5083-16084	00000/0000	1-10040/0100	07/11/75	30	5101	55.0	119.3		GGFG				
09339W	4434N	1921-16170	00000/0000	1-10034/0251	01/30/75	30	2842	21.0	146.6		GGGG				
09339W	4017N	1794-16165	00000/0000	1-10030/0419	09/25/74	0	1071	41.9	142.1		FGGG				
09339W	3554N	1775-16131	00000/0000	1-10029/0914	09/06/74	50	806	49.8	130.0		GGGG				
09339W	3144N	1972-16011	00000/0000	1-10035/1142	03/22/75	70	3553	44.6	126.4		FGFG				
09340W	4443N	1993-16134	00000/0000	1-10037/0065	04/12/75	80	3846	45.4	134.6		FFFF				
09340W	4439N	1975-16143	00000/0000	1-10036/0235	03/25/75	0	3595	38.9	137.9		FGFG				
09340W	4024N	1812-16164	00000/0000	1-10030/1369	10/13/74	100	1322	36.2	147.5		GPG				
09340W	3606N	1811-16121	00000/0000	1-10030/1309	10/12/74	90	1308	39.6	144.1		PGPG				
09340W	3144N	5044-15573	00000/0000	1-10038/0536	06/02/75	0	4557	58.7	99.3		FFGG				
09340W	3140N	5026-15583	00000/0000	1-10037/0825	05/15/75	80	4306	57.7	105.4		FGFG				
09341W	4017N	1848-16153	00000/0000	1-10032/0201	11/18/74	100	1824	25.7	152.6		PPPG				
09341W	3609N	1829-16115	00000/0000	1-10031/0768	10/30/74	60	1559	34.1	148.3		PGPG				
09341W	3609N	5081-15595	00000/0000	1-10039/0495	07/09/75	20	5073	56.8	104.8		GGGG				
09341W	3140N	5008-15593	00000/0000	1-10037/0460	04/27/75	40	4055	54.8	112.9		GGGG				
09342W	4436N	5011-16124	00000/0000	1-10038/0151	04/30/75	90	4097	51.0	130.4		GFFF				
09342W	4013N	1776-16174	00000/0000	1-10029/0998	09/07/74	0	820	47.3	135.3		PGGG				
09342W	3555N	1757-16140	00000/0000	1-10028/0088	08/19/74	80	555	53.8	121.8		PPP				
09343W	3611N	1955-16063	00000/0000	1-10035/0645	03/05/75	20	3316	36.5	134.9		FGGG				
09343W	3559N	1883-16094	00000/0000	1-10033/0250	12/23/74	90	2312	23.8	148.9		FFPG				
09343W	2556N	1755-16053	00000/0000	1-10027/1854	08/17/74	20	527	56.4	105.4		PPGG				
09343W	2555N	1773-16044	00000/0000	1-10029/0779	09/04/74	100	778	54.1	115.7		GGGG				
09344W	4027N	1956-16110	00000/0000	1-10035/0769	03/06/75	100	3330	34.4	137.9		FGFG				
09344W	4024N	1830-16161	00000/0000	1-10031/0721	10/31/74	100	1573	30.6	151.0		PPPP				

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09344W	3602N	1865-16102	00000/0000	1-10032/0842	12/05/74	90	2061	25.6	150.5	GGGG	
09344W	3559N	1739-16143	00000/0000	1-10027/1038	08/01/74	80	304	56.9	114.5	GGGG	
09344W	2558N	1863-16015	00000/0000	1-10032/0753	12/03/74	90	2033	33.5	145.5	GPGG	
09344W	2556N	1737-16061	00000/0000	1-10027/0149	07/30/74	40	276	58.0	96.4	GGGG	
09345W	4433N	5029-16115	00000/0000	1-10038/0042	05/18/75	30	4348	54.9	125.7	GGGG	
09345W	4025N	5082-16042	00000/0000	1-10040/0090	07/10/75	30	5087	56.2	112.1	GGFG	
09345W	4024N	1938-16114	00000/0000	1-10034/0416	07/16/75	100	3079	28.4	141.3	GGGG	
09345W	4015N	1758-16182	00000/0000	1-10028/0113	08/20/74	10	569	51.8	128.3	PGGP	
09345W	3606N	1991-16045	00000/0000	00000/0000	04/10/75	30	3818	48.9	125.2	GGGG	
09345W	3601N	1847-16110	00000/0000	1-10032/0204	11/17/74	100	1810	29.3	150.4	PGGG	
09345W	3555N	1901-16085	00000/0000	1-10033/0837	01/10/75	70	2563	24.1	146.1	FF F	
09345W	2602N	1827-16032	00000/0000	1-10031/0657	10/28/74	40	1531	41.9	140.9	GGGG	
09345W	2557N	1881-16011	00000/0000	1-10033/0208	12/21/74	60	2284	31.2	144.3	FFPF	
09346W	4018N	1866-16145	00000/0000	1-10032/1044	12/06/74	100	2075	22.1	152.4	FF F	
09346W	4015N	1740-16190	00000/0000	1-10027/1049	08/02/74	70	318	55.5	121.8	GGGG	
09346W	3606N	1973-16054	00000/0000	1-10036/0230	03/23/75	80	3567	42.9	130.4	FF F	
09347W	4724N	1796-16261	00000/0000	1-10030/0754	09/27/74	40	1099	36.3	148.5	PGGG	
09347W	4011N	1902-16132	00000/0000	00000/0000	01/11/75	50	2577	21.1	147.8	GGGG	
09347W	3559N	5045-16020	00000/0000	1-10038/0567	06/03/75	30	4571	58.5	106.8	FG F	
09347W	2559N	1953-15580	00000/0000	1-10035/0497	03/03/75	40	3288	41.2	127.1	GGGG	
09347W	2555N	1899-16002	00000/0000	1-10033/0776	01/08/75	40	2535	31.0	141.5	GGGG	
09348W	4732N	1814-16260	00000/0000	1-10030/1481	10/15/74	100	1350	30.1	152.7	GGFG	
09349W	4020N	1974-16101	00000/0000	1-10036/0301	03/24/75	100	3581	41.0	134.2	FG F	
09349W	3558N	5009-16035	00000/0000	1-10037/0475	04/28/75	90	4069	53.9	118.9	GG F	
09350W	3558N	5027-16030	00000/0000	1-10038/0052	05/16/75	30	4320	57.2	112.3	FGGG	
09351W	4015N	5010-16082	00000/0000	1-10038/0113	04/29/75	50	4083	52.6	124.8	FFFF	
09351W	4015N	5028-16072	00000/0000	1-10038/0169	05/17/75	0	4334	56.2	119.1	GGGG	
09353W	4730N	1832-16253	00000/0000	1-10031/0813	11/02/74	100	1601	24.3	155.2	PPG	
09353W	4717N	1778-16270	00000/0000	1-10029/1086	09/09/74	80	848	42.3	143.3	GGGG	
09354W	4735N	1958-16201	00000/0000	1-10035/0749	03/08/75	0	3358	30.6	142.8	GG F	
09354W	4726N	1850-16245	00000/0000	1-10032/0330	11/20/74	100	1852	19.5	156.0	PPGG	
09354W	3024N	1810-16080	00000/0000	1-10030/1231	10/11/74	0	1294	43.6	139.1	GGGG	
09354W	3015N	1774-16091	00000/0000	1-10029/0903	09/05/74	20	792	52.5	122.3	GGG	
09354W	3014N	1792-16082	00000/0000	1-10030/0542	09/23/74	60	1043	48.5	131.4	PGGP	
09355W	4732N	1940-16210	00000/0000	1-10034/0430	07/18/75	70	3107	24.3	145.2	GGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09355W 4723N	1886-16232	00000/0000	1-10033/0378	12/26/74	50	2354	14.9	153.4		FFGG	
09355W 4722N	1760-16274	00000/0000	1-10029/0052	08/22/74	90	597	47.6	137.9		PGGP	
09356W 4732N	5084-16134	00000/0000	1-10040/0217	07/12/75	40	5115	54.0	123.9		FGGF	
09356W 4726N	1922-16215	00000/0000	1-10035/0219	01/31/75	10	2856	19.2	147.9		GGGG	
09358W 4730N	1994-16183	00000/0000	1-10037/0165	04/13/75	10	3860	44.2	137.5		GGGG	
09358W 4719N	1742-16282	00000/0000	1-10027/1221	08/04/74	30	346	52.0	132.8		GGGG	M
09359W 4729N	5066-16144	00000/0000	1-10039/0177	06/24/75	20	4864	55.7	123.7		F FF	
09359W 3017N	1738-16103	00000/0000	1-10027/0977	07/31/74	70	290	57.9	104.3		PGPP	
09400W 3022N	1936-16032	00000/0000	1-10034/0215	02/14/75	10	3051	34.0	135.4		GGGG	
09400W 3022N	5080-15555	00000/0000	1-10039/0472	07/08/75	100	5059	56.8	94.9		G	
09400W 3016N	1882-16053	00000/0000	1-10033/0017	12/22/74	0	2298	28.1	146.4		GFFG	
09400W 3014N	1756-16095	00000/0000	1-10028/0058	08/18/74	60	541	55.6	112.7		PP P	
09400W 3014N	1864-16062	00000/0000	1-10032/0784	12/04/74	10	2047	30.2	147.7		GPPG	
09401W 3021N	1828-16074	00000/0000	1-10031/0359	10/29/74	50	1545	38.6	144.3		PG P	
09401W 3017N	1846-16070	00000/0000	1-10032/0163	11/16/74	100	1796	33.9	147.2		PPPP	
09401W 3013N	1900-16045	00000/0000	1-10033/0790	01/09/75	90	2549	28.1	143.5		FGFG	
09402W 4724N	5012-16174	00000/0000	1-10037/0509	05/01/75	90	4111	49.8	133.9		GGGG	
09402W 4307N	1795-16214	00000/0000	1-10030/0708	09/26/74	0	1085	39.7	144.8		GGGG	
09402W 3505N	1937-16074	00000/0000	1-10034/0405	02/15/75	100	3065	31.5	138.2		GGFG	
09403W 4720N	5030-16164	00000/0000	1-10038/0221	05/19/75	50	4362	53.8	129.7		FFGG	
09403W 3017N	1954-16023	00000/0000	1-10035/0631	03/04/75	100	3302	39.4	130.5		FPGG	
09404W 3430N	1793-16125	00000/0000	1-10030/0562	09/24/74	100	1057	45.9	136.3		GPPG	
09404W 3018N	1972-16014	00000/0000	1-10035/1143	03/22/75	90	3553	45.2	124.9		GGFG	
09404W 3017N	5044-15580	00000/0000	1-10038/0494	06/02/75	10	4557	58.6	96.8		FGGF	
09404W 3013N	5026-15590	00000/0000	1-10037/0826	05/15/75	60	4306	57.8	102.9		GGFF	
09405W 3429N	1775-16134	00000/0000	1-10029/0915	09/06/74	40	806	50.5	128.3		GGGG	
09406W 4315N	1813-16213	00000/0000	1-10030/1388	10/14/74	70	1336	33.7	149.7		PGPG	
09406W 3440N	1811-16123	00000/0000	1-10030/1310	10/12/74	40	1308	40.5	143.0		PPGG	
09406W 3014N	5008-15595	00000/0000	1-10037/0461	04/27/75	50	4055	55.1	110.7		GGGG	
09407W 3852N	1794-16172	00000/0000	1-10030/0420	09/25/74	20	1071	42.9	140.8		GGGG	
09407W 3443N	5081-16002	00000/0000	1-10039/0496	07/09/75	10	5073	56.9	102.3		FFGG	
09408W 4318N	1939-16164	00000/0000	1-10034/0492	02/17/75	90	3093	26.8	142.9		GPPG	
09408W 4304N	1777-16223	00000/0000	1-10029/0935	09/08/74	10	834	45.3	138.7		GPPP	
09408W 3443N	1829-16121	00000/0000	1-10031/0769	10/30/74	80	1559	35.2	147.4		GPPG	
09409W 4319N	1957-16155	00000/0000	1-10035/0803	03/07/75	30	3344	33.0	139.9		GGGG	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09409W	4315N	1831-16210	00000/0000	1-10031/0822	11/01/74	20	1587	28.0	152.7		PGG				
09409W	3429N	1757-16142	00000/0000	1-10028/0089	08/19/74	30	555	54.3	119.7		PPGG				
09410W	4310N	1849-16202	00000/0000	1-10032/0314	11/19/74	90	1838	23.2	154.0		PPPP				
09410W	4307N	1759-16231	00000/0000	1-10029/0072	08/21/74	90	583	50.2	132.3		GGGP				
09410W	4306N	1741-16235	00000/0000	1-10027/0963	08/03/74	100	332	54.2	126.4		PPP				
09410W	3859N	1812-16170	00000/0000	1-10030/1370	10/13/74	100	1322	37.2	146.5		PGPP				
09410W	3851N	1848-16160	00000/0000	1-10032/0224	11/18/74	100	1824	26.8	151.9		GGPG				
09410W	3445N	1955-16065	00000/0000	1-10035/0646	03/05/75	50	3316	37.3	133.8		FFG				
09410W	3433N	1883-16100	00000/0000	1-10033/0251	12/23/74	90	2312	24.8	148.2		FFPF				
09411W	4317N	1993-16140	00000/0000	1-10037/0066	04/12/75	80	3846	46.2	133.0		FG+ F				
09411W	4314N	5083-16091	00000/0000	1-10040/0101	07/11/75	40	5101	55.4	116.9		GFFG				
09411W	4308N	1867-16194	00000/0000	1-10032/0883	12/07/74	20	2089	19.7	153.5		GGGG				
09411W	3847N	1776-16180	00000/0000	1-10029/0999	09/07/74	0	820	48.1	133.8		PGGG				
09411W	3434N	1739-16150	00000/0000	1-10027/1054	08/01/74	50	304	57.2	112.1		PGGG				
09412W	4313N	1975-16150	00000/0000	1-10036/0236	03/25/75	50	3595	39.7	136.6		GGGG				
09412W	3441N	1991-16051	00000/0000	00000/0000	04/10/75	10	3818	49.5	123.5		GFGG				
09412W	3435N	1847-16113	00000/0000	1-10032/0205	11/17/74	100	1810	30.4	149.6		PGGG				
09412W	3429N	1901-16092	00000/0000	1-10033/0838	01/10/75	70	2563	25.1	145.4		GG G				
09413W	3902N	1956-16112	00000/0000	1-10035/0770	03/06/75	100	3330	35.2	136.8		GGGF				
09413W	3858N	1830-16164	00000/0000	1-10031/0722	10/31/74	100	1573	31.7	150.2		PPPP				
09414W	3859N	5082-16044	00000/0000	1-10040/0091	07/10/75	20	5087	56.4	109.7		GGFG				
09414W	3858N	1938-16121	00000/0000	1-10034/0417	02/16/75	100	3079	29.3	140.4		GGGG				
09414W	3850N	1758-16185	00000/0000	1-10028/0114	08/20/74	0	569	52.4	126.3		PGPG				
09414W	3849N	1884-16143	00000/0000	1-10033/0292	12/24/74	100	2326	21.6	150.0		PFGR				
09414W	3434N	5045-16022	00000/0000	1-10038/0568	06/03/75	30	4571	58.6	104.2		FFPF				
09415W	4311N	5011-16131	00000/0000	1-10038/0152	04/30/75	90	4097	51.6	128.5		GGGE				
09415W	3853N	1866-16151	00000/0000	1-10032/1045	12/06/74	100	2075	23.2	151.7		FFFF				
09415W	3850N	1740-16193	00000/0000	1-10027/1050	08/02/74	50	318	56.0	119.5		GGGG				
09415W	3432N	5009-16042	00000/0000	1-10037/0476	04/28/75	100	4069	54.3	116.8		GGGE				
09416W	4308N	5029-16121	00000/0000	1-10038/0043	05/18/75	40	4348	55.4	123.4		PFFG				
09416W	3432N	5027-16032	00000/0000	1-10038/0053	05/16/75	30	4320	57.4	109.9		FGGG				
09417W	5008N	5031-16213	00000/0000	1-10038/0245	05/20/75	50	4376	52.6	133.7		FFGG				
09417W	3846N	1902-16134	00000/0000	00000/0000	01/11/75	0	2577	22.1	147.2		GGGG				
09418W	3855N	1974-16103	00000/0000	1-10036/0302	03/24/75	60	3581	41.8	132.9		FGFE				
09418W	2849N	1774-16094	00000/0000	1-10029/0904	09/05/74	50	792	53.0	120.4		GGG				

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS			
LONG	LAT											B	P	P	B
09418W	2848N	1792-16085	00000/0000	1-10030/0543	09/23/74	80	1043	49.2	129.8		PGGP				
09419W	2858N	1810-16083	00000/0000	1-10030/1262	10/11/74	20	1294	44.6	137.9		P P				
09420W	3851N	5046-16065	00000/0000	1-10039/0022	06/04/75	40	4585	58.2	111.6		FGFG				
09420W	3849N	5010-16084	00000/0000	1-10038/0114	04/29/75	40	4083	53.2	122.8		GGFG				
09420W	3849N	5028-16075	00000/0000	1-10038/0170	05/17/75	0	4334	56.6	116.8		GGGG				
09421W	4559N	1796-16263	00000/0000	1-10030/0755	09/27/74	10	1099	37.4	147.4		PGGG				
09423W	2849N	1738-16110	00000/0000	1-10027/0978	07/31/74	40	290	58.0	101.8		PGPR				
09424W	4608N	1814-16263	00000/0000	1-10030/1482	10/15/74	100	1350	31.2	151.8		GGGG				
09424W	2856N	1936-16034	00000/0000	1-10034/0216	02/14/75	20	3051	34.9	134.4		GGGG				
09424W	2856N	5080-15562	00000/0000	1-10039/0485	07/08/75	30	5059	56.7	92.5		GFGG				
09424W	2854N	1828-16081	00000/0000	1-10031/0360	10/29/74	10	1545	39.6	143.3		PPPP				
09424W	2850N	1846-16073	00000/0000	1-10032/0164	11/16/74	50	1796	34.9	146.3		PPPG				
09424W	2850N	1882-16060	00000/0000	1-10033/0018	12/22/74	10	2298	29.1	145.7		FFFG				
09424W	2848N	1864-16064	00000/0000	1-10032/0785	12/04/74	70	2047	31.2	147.0		GPPP				
09425W	2848N	1756-16102	00000/0000	1-10028/0059	08/18/74	30	541	55.9	110.5		PPPP				
09425W	2847N	1900-16052	00000/0000	1-10033/0791	01/09/75	60	2549	29.1	142.8		FGFG				
09426W	2855N	1990-16011	00000/0000	1-10037/0127	04/09/75	70	3804	51.1	116.6		GGFG				
09427W	2851N	1954-16025	00000/0000	1-10035/0632	03/04/75	100	3302	40.1	129.3		FPFG				
09428W	4610N	1958-16204	00000/0000	1-10035/0750	03/08/75	0	3358	31.6	141.8		GGFG				
09428W	4605N	1832-16260	00000/0000	1-10031/0814	11/02/74	100	1601	25.5	154.4		PGGG				
09428W	4552N	1778-16277	00000/0000	00000/0000	09/09/74	100	848	43.2	141.9		GGPG				
09428W	3339N	1937-16080	00000/0000	1-10034/0406	02/15/75	90	3065	32.4	137.3		GGGG				
09428W	2851N	1972-16020	00000/0000	1-10035/1144	03/22/75	50	3553	45.8	123.4		FFFG				
09428W	2851N	5044-15582	00000/0000	1-10038/0495	06/02/75	20	4557	58.5	94.3		FFGG				
09429W	4601N	1850-16251	00000/0000	1-10032/0331	11/20/74	90	1852	20.6	155.3		GPFG				
09429W	2848N	5026-15592	00000/0000	1-10037/0827	05/15/75	50	4306	57.8	100.5		GGFG				
09430W	4607N	1940-16213	00000/0000	1-10034/0431	02/18/75	60	3107	25.2	144.4		GGGG				
09430W	4601N	1922-16222	00000/0000	1-10035/0220	01/31/75	40	2856	20.2	147.2		GGGG				
09430W	4557N	1760-16281	00000/0000	1-10029/0053	08/22/74	90	597	48.4	136.2		GPFG				
09430W	3304N	1793-16132	00000/0000	1-10030/0563	09/24/74	90	1057	46.7	134.9		PGPP				
09430W	2848N	5008-16002	00000/0000	1-10037/0462	04/27/75	40	4055	55.3	108.5		GGGG				
09431W	3305N	1775-16140	00000/0000	1-10029/0916	09/06/74	30	806	51.1	126.5		GGGG				
09432W	4604N	1994-16185	00000/0000	1-10037/0166	04/13/75	60	3860	45.0	135.9		GGGG				
09432W	3313N	1811-16130	00000/0000	1-10030/1311	10/12/74	10	1308	41.5	141.8		PGGG				
09433W	4554N	1742-16285	00000/0000	1-10027/1222	08/04/74	40	346	52.7	130.8		GGGG				M

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09433W 3317N	5081-16004	00000/0000	1-10039/0497	07/09/75	50	5073	56.9	99.9		GGGG	
09434W 4605N	5066-16150	00000/0000	1-10039/0178	06/24/75	50	4864	56.2	121.3		FFTF	
09434W 4142N	1795-16221	00000/0000	1-10030/0709	09/26/74	0	1085	40.7	143.6		GGGG	M
09434W 3305N	1757-16145	00000/0000	1-10028/0090	08/19/74	0	555	54.7	117.6		GPPG	M
09435W 3726N	1794-16174	00000/0000	1-10030/0421	09/25/74	70	1071	43.8	139.5		GGGG	
09435W 3317N	1829-16124	00000/0000	1-10031/0770	10/30/74	100	1559	36.2	146.5		PPGG	
09436W 4559N	5012-16180	00000/0000	1-10037/0510	05/01/75	60	4111	50.5	132.0		GGGG	
09436W 4558N	5048-16161	00000/0000	1-10038/0593	06/06/75	50	4613	56.3	123.5		GGGF	
09436W 3319N	1955-16072	00000/0000	1-10035/0647	07/05/75	90	3316	38.1	132.6		FGGP	
09436W 3307N	1883-16103	00000/0000	1-10033/0252	12/23/74	100	2312	25.9	147.6		FF G	
09437W 4847N	1797-16313	00000/0000	1-10030/0607	09/28/74	10	1113	35.0	149.9		GGGG	
09437W 4150N	1813-16220	00000/0000	1-10030/1389	10/14/74	70	1336	34.8	148.7		PGPG	
09437W 3309N	1739-16152	00000/0000	1-10027/1055	08/01/74	40	304	57.5	109.6		FGGG	
09438W 4555N	5030-16171	00000/0000	1-10038/0222	05/19/75	40	4362	54.4	127.5		FFGG	
09438W 3733N	1812-16173	00000/0000	1-10030/1371	10/13/74	80	1322	38.2	145.4		PGPG	
09438W 3725N	1848-16162	00000/0000	1-10032/0225	11/18/74	100	1824	27.9	151.1		GGGG	
09438W 3314N	1973-16063	00000/0000	1-10036/0231	03/23/75	90	3567	44.2	127.6		GGTF	
09438W 3314N	1991-16054	00000/0000	00000/0000	04/10/75	70	3818	50.0	121.7		GGGG	
09438W 3309N	1847-16115	00000/0000	1-10032/0206	11/17/74	100	1810	31.5	148.9		PGGG	
09438W 3303N	1901-16094	00000/0000	1-10033/0839	01/10/75	40	2563	26.1	144.7		GG G	
09439W 4152N	1939-16170	00000/0000	1-10034/0493	02/17/75	80	3093	27.8	142.0		GGFG	
09439W 4138N	1777-16230	00000/0000	1-10029/0936	09/08/74	10	834	46.2	137.3		PPGG	M
09439W 3722N	1776-16183	00000/0000	1-10029/1000	09/07/74	0	820	48.8	132.1		PPGG	
09440W 4153N	1957-16161	00000/0000	1-10035/0804	03/07/75	20	3344	33.9	138.8		GGGG	
09440W 4149N	1831-16213	00000/0000	1-10031/0823	11/01/74	60	1587	29.1	151.9		GGPG	
09440W 3306N	5009-16044	00000/0000	1-10037/0477	04/28/75	100	4069	54.7	114.7		FGGG	
09441W 4856N	1851-16300	00000/0000	1-10032/0376	11/21/74	100	1866	18.0	156.7		PPPP	
09441W 4149N	5083-16093	00000/0000	1-10040/0102	07/11/75	30	5101	55.8	114.6		FGFG	
09441W 4144N	1849-16205	00000/0000	1-10032/0315	11/19/74	20	1838	24.3	153.3		PPPP	
09441W 4141N	1741-16242	00000/0000	1-10027/0966	08/03/74	60	332	54.8	124.3		G	
09441W 4141N	1759-16234	00000/0000	1-10029/0073	08/21/74	80	583	50.9	130.5		GGGG	
09441W 3308N	5045-16025	00000/0000	1-10038/0569	06/03/75	30	4571	58.7	101.6		FGFF	
09442W 4854N	1833-16305	00000/0000	1-10031/0878	11/03/74	80	1615	22.9	156.0		GGGG	
09442W 4151N	1993-16143	00000/0000	1-10037/0067	04/12/75	60	3846	46.9	131.4		GGGG	
09442W 4143N	1921-16175	00000/0000	1-10034/0252	01/30/75	100	2842	23.0	145.2		FFFG	

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ERTS-1
 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
09442W	4142N	1867-16200	00000/0000	1-10032/0884	12/07/74	10	2089	20.8	152.9		GGG					
09442W	3736N	1956-16115	00000/0000	1-10035/0771	03/06/75	100	3330	36.1	135.8		FFFF					
09442W	3733N	1830-16170	00000/0000	1-10031/0723	10/31/74	100	1573	32.7	149.3		PPPP					
09442W	3733N	1938-16123	00000/0000	1-10034/0418	02/16/75	100	3079	30.2	139.6		GGGG					
09442W	3733N	5082-16051	00000/0000	1-10040/0092	07/10/75	30	5087	56.6	107.3		FGFG					
09442W	3727N	1866-16154	00000/0000	1-10032/0861	12/06/74	100	2075	24.4	151.1		PP					
09442W	3725N	1758-16191	00000/0000	1-10028/0115	08/20/74	0	569	53.0	124.4		PGGP				M	
09442W	3724N	1884-16145	00000/0000	1-10033/0293	12/24/74	100	2326	22.6	149.4		FFFF					
09442W	3306N	5027-16035	00000/0000	1-10038/0054	05/16/75	30	4320	57.6	107.5		GGGG					
09442W	2731N	1810-16085	00000/0000	1-10030/1271	10/11/74	60	1294	45.4	136.6		GGGP					
09442W	2724N	1774-16100	00000/0000	1-10029/0854	09/05/74	50	792	53.5	118.4		GGGG					
09442W	2723N	1792-16091	00000/0000	1-10030/0544	09/23/74	90	1043	50.0	128.2		PGG					
09443W	4901N	1959-16253	00000/0000	1-10035/0923	03/09/75	10	3372	30.1	143.7		GGGF					
09443W	4900N	1941-16262	00000/0000	1-10034/0570	02/19/75	70	3121	23.6	146.0		FGFG					
09443W	4852N	1815-16312	00000/0000	1-10031/0154	10/16/74	80	1364	28.7	153.7		GPPG					
09443W	4148N	1975-16152	00000/0000	1-10036/0237	03/25/75	90	3595	40.5	135.3		FGGG					
09443W	3725N	1740-16195	00000/0000	1-10027/1051	08/02/74	60	318	56.4	117.2		GGGG					
09445W	4857N	5085-16185	00000/0000	00000/0000	07/13/75	40	5129	53.3	126.2		FFFF					
09445W	4847N	1761-16330	00000/0000	1-10029/0179	08/23/74	80	611	46.5	139.8		PPGG					
09445W	4847N	1887-16284	00000/0000	1-10033/0361	12/27/74	10	2368	13.8	153.9		GFGG					
09445W	4845N	1779-16321	00000/0000	1-10029/1121	09/10/74	100	862	41.0	145.0		PGPP					
09445W	3720N	1902-16141	00000/0000	00000/0000	01/11/75	0	2577	23.1	146.5		GGGG					
09446W	4851N	1869-16292	00000/0000	1-10032/0969	12/09/74	90	2117	14.8	155.9		FFFF					
09446W	4850N	1923-16271	00000/0000	1-10034/0291	02/01/75	0	2870	18.4	148.5		GGFG					
09446W	4146N	5011-16133	00000/0000	1-10038/0153	04/30/75	80	4097	52.2	126.6		FGFG					
09446W	3729N	1974-16110	00000/0000	1-10036/0303	03/24/75	10	3581	42.5	131.5		GGGG					
09446W	2723N	1738-16112	00000/0000	1-10027/0979	07/31/74	30	290	58.0	99.4		GGPG					
09447W	4856N	1995-16235	00000/0000	1-10037/0194	04/14/75	70	3874	43.7	138.8		FGGF					
09447W	4142N	5029-16124	00000/0000	1-10038/0044	05/18/75	40	4348	55.9	121.2		PFGG					
09447W	2728N	1828-16083	00000/0000	1-10031/0361	10/29/74	20	1545	40.6	142.3		PPPP					
09447W	2722N	1864-16071	00000/0000	1-10032/0786	12/04/74	90	2047	32.3	146.2		GGPP					
09448W	4854N	1977-16244	00000/0000	1-10036/0392	03/27/75	100	3623	37.1	141.4		FGFF					
09448W	4853N	5067-16195	00000/0000	1-10039/0190	06/25/75	20	4878	55.1	126.0		FFGF					
09448W	4846N	1743-16334	00000/0000	1-10027/1086	08/05/74	30	360	51.1	135.0		GGGG				M	
09448W	3724N	5046-16071	00000/0000	1-10039/0023	06/04/75	60	4585	58.4	109.1		GGFG					

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0473

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS				
LONG	LAT											B	P	P	B	P
09448W	3723N	5010-16091	00000/0000	1-10038/0115	04/29/75	60	4083	53.7	120.7		GGFG					
09448W	2730N	1936-16041	00000/0000	1-10034/0217	02/14/75	30	3051	35.7	133.4		FGGG					
09448W	2725N	1846-16075	00000/0000	1-10032/0165	11/16/74	50	1796	36.0	145.5		GPFG					
09448W	2724N	1882-16062	00000/0000	1-10033/0019	12/22/74	70	2298	30.1	144.9		GFFF					
09449W	2722N	1756-16104	00000/0000	1-10028/0060	08/18/74	60	541	56.1	108.2		PPPP					
09449W	2721N	1900-16054	00000/0000	1-10033/0792	01/09/75	40	2549	30.0	142.0		GFFF					
09450W	2729N	1990-16013	00000/0000	1-10037/0128	04/09/75	60	3804	51.5	114.7		GFFF					
09451W	4847N	5013-16225	00000/0000	1-10037/0629	05/02/75	50	4125	49.3	135.5		FGGG					
09451W	2724N	1954-16032	00000/0000	1-10035/0633	03/04/75	50	3302	40.8	128.0		FFGF					
09452W	2726N	5044-15585	00000/0000	1-10038/0496	06/02/75	30	4557	58.3	91.8		FFGG					
09452W	2725N	1972-16023	00000/0000	1-10035/1145	03/22/75	30	3553	46.3	121.9		FFFG					
09453W	3213N	1937-16083	00000/0000	1-10034/0407	02/15/75	100	3065	33.2	136.4		GGGG					
09453W	2722N	5026-15595	00000/0000	1-10037/0828	05/15/75	50	4306	57.8	98.0		GGFG					
09454W	4843N	5031-16220	00000/0000	1-10038/0246	05/20/75	60	4376	53.3	131.6		FGGG					
09454W	2722N	5008-16004	00000/0000	1-10037/0463	04/27/75	30	4055	55.5	106.2		GGGG					
09455W	4434N	1796-16270	00000/0000	1-10030/0756	09/27/74	10	1099	38.4	146.3		GGGG					
09455W	3138N	1793-16134	00000/0000	1-10030/0564	09/24/74	60	1057	47.5	133.4		FGGG					
09457W	4443N	1814-16265	00000/0000	1-10030/1483	10/15/74	80	1350	32.3	150.8		GGGG					
09457W	3147N	1811-16132	00000/0000	1-10030/1312	10/12/74	30	1308	42.5	140.7		GGPG					
09457W	3139N	1775-16143	00000/0000	1-10029/0917	09/06/74	10	806	51.7	124.7		GGGG					
09458W	3151N	5081-16011	00000/0000	1-10039/0498	07/09/75	30	5073	56.8	97.5		GGGG					
09459W	3139N	1757-16151	00000/0000	1-10028/0091	08/19/74	0	555	55.1	115.4		PPGG				M	
09501W	4445N	1958-16210	00000/0000	1-10035/0751	03/08/75	0	3358	32.5	140.7		GGFG					
09501W	4428N	1778-16275	00000/0000	00000/0000	09/09/74	60	848	44.1	140.5		PGPG					
09501W	3153N	1955-16074	00000/0000	1-10035/0648	03/05/75	90	3316	38.9	131.5		GFU					
09501W	3142N	1883-16105	00000/0000	1-10033/0253	12/23/74	100	2312	27.0	146.9		FPPF					
09502W	4440N	1832-16262	00000/0000	1-10031/0815	11/02/74	60	1601	26.6	153.6		GGGG					
09502W	3143N	1739-16155	00000/0000	1-10027/1056	08/01/74	50	304	57.7	107.2		PGGG					
09503W	4436N	1850-16254	00000/0000	1-10032/0332	11/20/74	30	1852	21.8	154.7		PPPG					
09503W	4432N	1760-16283	00000/0000	1-10029/0054	08/22/74	80	597	49.2	134.4		PGGG					
09503W	3600N	1794-16181	00000/0000	1-10030/0412	09/25/74	90	1071	44.7	138.2		G GG					
09503W	3148N	1991-16060	00000/0000	00000/0000	04/10/75	50	3818	50.5	119.9		GGGG					
09503W	3143N	1847-16122	00000/0000	1-10032/0207	11/17/74	100	1810	32.6	148.1		GPGG					
09503W	3138N	1901-16101	00000/0000	1-10033/0840	01/10/75	10	2563	27.1	144.0		FG G					
09504W	4442N	5084-16143	00000/0000	1-10040/0218	07/12/75	50	5115	54.9	119.3		FGGF					

KEYS: CLOUD COVER % 0 TO 100 * % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. S=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRBDUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0474

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE	QUALITY	PRBDUCTS
LONG	LAT									RBV	MSS	123
09504W	4441N	1940-16215	00000/0000	1-10034/0432	02/18/75	80	3107	26.2	143.5	FGFG		
09504W	4436N	1922-16224	00000/0000	1-10035/0221	01/31/75	90	2856	21.2	146.5	FGGG		
09504W	4434N	1886-16241	00000/0000	1-10033/0379	12/26/74	30	2354	17.1	152.2	FPFG		
09504W	4017N	1795-16223	00000/0000	1-10030/0710	09/26/74	0	1085	41.6	142.4	GGGG		
09505W	4443N	1976-16201	00000/0000	1-10036/0326	03/26/75	100	3609	39.3	137.8	FFGG		
09505W	3607N	1812-16175	00000/0000	1-10030/1372	10/13/74	80	1322	39.2	144.4	PGPG		
09505W	3141N	5009-16051	00000/0000	1-10037/0478	04/28/75	100	4069	55.0	112.5	GGGG		
09505W	2604N	1810-16092	00000/0000	1-10030/1272	10/11/74	50	1294	46.3	135.2	PGGG		
09506W	4439N	1994-16192	00000/0000	1-10037/0167	04/13/75	70	3860	45.8	134.4	GGGG		
09506W	4429N	1742-16291	00000/0000	1-10027/1223	08/04/74	30	346	53.4	128.8	GGGG		
09506W	3559N	1848-16165	00000/0000	1-10032/0226	11/18/74	100	1824	29.1	150.4	GGGG		
09506W	3556N	1776-16185	00000/0000	1-10029/1001	09/07/74	10	820	49.5	130.5	PGGG		
09507W	4439N	5066-16153	00000/0000	1-10039/0179	06/24/75	70	4864	56.6	118.9	GGFG		
09507W	4024N	1813-16222	00000/0000	1-10030/1390	10/14/74	90	1336	35.8	147.7	PPG		
09507W	3142N	5045-16031	00000/0000	1-10038/0570	06/03/75	10	4571	58.7	99.1	GGFG		
09507W	3140N	5027-16041	00000/0000	1-10038/0055	05/16/75	40	4320	57.8	105.0	GGGG		
09507W	2557N	1774-16103	00000/0000	1-10029/0855	09/05/74	50	792	53.9	116.4	GGGG		
09508W	2557N	1738-16115	00000/0000	1-10027/0980	07/31/74	30	290	58.0	96.9	GGPG		
09509W	4434N	5012-16183	00000/0000	1-10037/0511	05/01/75	30	4111	51.2	130.1	GGGG		
09509W	4027N	1939-16173	00000/0000	1-10034/0494	02/17/75	90	3093	28.7	141.1	PGGG		
09509W	4013N	1777-16232	00000/0000	1-10029/0937	09/08/74	0	834	47.0	135.7	GGGG		
09509W	3608N	5082-16053	00000/0000	1-10040/0093	07/10/75	40	5087	56.7	104.9	FFFF		
09509W	3607N	1830-16173	00000/0000	1-10031/0724	10/31/74	100	1573	33.8	148.5	PPPP		
09509W	3607N	1938-16130	00000/0000	1-10034/0419	02/16/75	100	3079	31.1	138.7	GFGG		
09509W	3601N	1866-16160	00000/0000	1-10032/0859	12/06/74	100	2075	25.5	150.4	P		
09509W	3559N	1758-16194	00000/0000	1-10028/0116	08/20/74	0	569	53.6	122.3	GGGP		
09509W	3558N	1884-16152	00000/0000	1-10033/0294	12/24/74	100	2326	23.7	148.7	FFGP		
09510W	4433N	5048-16163	00000/0000	1-10038/0594	06/06/75	10	4613	56.8	121.1	GGGG		
09510W	4028N	1957-16164	00000/0000	1-10035/0805	03/07/75	60	3344	34.7	137.7	GGGG		
09510W	4024N	1831-16215	00000/0000	1-10031/0824	11/01/74	20	1587	30.3	151.1	GPGG		
09510W	4016N	1741-16244	00000/0000	1-10027/0965	08/03/74	30	332	55.3	122.1	GG		
09510W	3609N	1956-16121	00000/0000	1-10035/0772	03/06/75	100	3330	36.9	134.6	PGGG		
09510W	3559N	1740-16202	00000/0000	1-10027/1052	08/02/74	20	318	56.8	114.8	GGGG		
09510W	2556N	1864-16073	00000/0000	1-10032/0787	12/04/74	70	2047	33.3	145.5	GGPG		
09511W	4430N	5030-16173	00000/0000	1-10038/0223	05/19/75	30	4362	55.0	125.3	FFGG		

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09511W	4026N	1993-16145	00000/0000	1-10037/0068	04/12/75	30	3846	47.6	129.8		FGGG				
09511W	4023N	5083-16100	00000/0000	1-10040/0103	07/11/75	30	5101	56.1	112.2		FGFG				
09511W	4015N	1759-16240	00000/0000	1-10029/0074	08/21/74	70	583	51.6	128.7		GGGG				
09511W	2603N	1936-16043	00000/0000	1-10034/0218	02/14/75	40	3051	36.5	132.4		GGGG				
09511W	2557N	1882-16065	00000/0000	1-10033/0224	12/22/74	40	2298	31.2	144.2		FFGG				
09511W	2553N	1756-16111	00000/0000	1-10028/0061	08/18/74	70	541	56.3	105.9		PPPP				
09512W	4019N	1849-16211	00000/0000	1-10032/0316	11/19/74	20	1838	25.5	152.6		PPPP				
09512W	4018N	1921-16181	00000/0000	1-10034/0253	01/30/75	100	2842	24.0	144.4		FPFG				
09512W	4016N	1867-16203	00000/0000	1-10032/0885	12/07/74	10	2089	22.0	152.3		GGGG				
09512W	2603N	1990-16020	00000/0000	1-10037/0129	04/09/75	40	3804	51.9	112.7		FGFG				
09512W	2559N	1846-16082	00000/0000	1-10032/0166	11/16/74	40	1796	37.0	144.6		GGG				
09513W	4722N	1797-16315	00000/0000	1-10030/0608	09/28/74	10	1113	36.0	148.8		GGGG				
09513W	3604N	1974-16112	00000/0000	1-10036/0304	03/24/75	10	3581	43.2	130.1		GGGG				
09513W	3554N	1902-16143	00000/0000	00000/0000	01/11/75	0	2577	24.2	145.9		GGGG				
09513W	2555N	1900-16061	00000/0000	1-10033/0793	01/09/75	40	2549	31.0	141.3		GGFG				
09514W	4022N	1975-16155	00000/0000	1-10036/0238	03/25/75	40	3595	41.3	134.0		FGGG				
09514W	2558N	1954-16034	00000/0000	1-10035/0634	03/04/75	30	3302	41.5	126.8		GGGG				
09515W	3559N	5028-16084	00000/0000	1-10038/0212	05/17/75	0	4334	57.3	112.0		GGGG				
09515W	3559N	5046-16074	00000/0000	1-10039/0024	06/04/75	40	4585	58.6	106.5		GGFG				
09515W	3558N	5010-16093	00000/0000	1-10038/0116	04/29/75	60	4083	54.1	118.6		GGFG				
09515W	2558N	1972-16025	00000/0000	1-10035/1146	03/22/75	30	3553	46.9	120.3		FFFG				
09516W	2600N	5044-15591	00000/0000	1-10038/0497	06/02/75	30	4557	58.1	89.3		FGGG				
09516W	2556N	5008-16011	00000/0000	1-10037/0464	04/27/75	50	4055	55.7	104.0		FFGG				
09516W	2555N	5026-16001	00000/0000	1-10037/0829	05/15/75	40	4306	57.7	95.6		PGGG				
09517W	4017N	5029-16130	00000/0000	1-10038/0045	05/18/75	10	4348	56.4	118.9		GGGG				
09518W	4731N	1851-16303	00000/0000	1-10032/0337	11/21/74	90	1866	19.2	156.0		PPG				
09518W	3048N	1937-16085	00000/0000	1-10034/0408	02/15/75	100	3065	34.1	135.4		GGGG				
09519W	4729N	1833-16311	00000/0000	1-10031/0879	11/03/74	70	1615	24.0	155.3		GGGG				
09520W	4736N	1959-16255	00000/0000	1-10035/0924	03/09/75	60	3372	31.0	142.7		FFFF				
09520W	4735N	1941-16264	00000/0000	1-10034/0571	02/19/75	20	3121	24.6	145.1		FGFG				
09520W	4727N	1815-16315	00000/0000	1-10031/0155	10/16/74	20	1364	29.8	152.8		GGPG				
09520W	3013N	1793-16141	00000/0000	1-10030/0565	09/24/74	60	1057	48.3	131.9		GGGG				
09521W	4732N	5085-16192	00000/0000	00000/0000	07/13/75	40	5129	53.8	124.0		FFFF				
09521W	4723N	1761-16332	00000/0000	1-10029/0180	08/23/74	50	611	47.3	138.2		GGGP				
09521W	4720N	1779-16324	00000/0000	1-10029/1122	09/10/74	100	862	42.0	143.7		PGPP				

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PAGE 0476

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE	QUALITY	PRODUCTS			
LONG	LAT		RBV	MSS						RBV	MSS	123	45678	B	P
09522W	4725N	1923-16273	00000/0000	1-10034/0292	02/01/75	10	2870	19.4	147.7	GGGG					
09522W	4723N	1887-16290	00000/0000	1-10033/0362	12/27/74	10	2368	14.9	153.2	FFGG					
09522W	3025N	5081-16013	00000/0000	1-10039/0486	07/09/75	40	5073	56.7	95.1	G					
09522W	3020N	1811-16135	00000/0000	1-10030/1313	10/12/74	60	1308	43.4	139.4	PGGG					
09522W	3012N	1775-16145	00000/0000	1-10029/0918	09/06/74	10	806	52.3	122.8	PPPG					
09523W	4731N	1995-16241	00000/0000	1-10037/0195	04/14/75	100	3874	44.5	137.3	GGG					
09523W	4726N	1869-16295	00000/0000	1-10032/0970	12/09/74	70	2117	16.0	155.2	FFTF					
09524W	4729N	1977-16251	00000/0000	1-10036/0393	03/27/75	100	3623	37.9	140.1	FGTF					
09524W	3012N	1757-16154	00000/0000	1-10028/0092	08/19/74	50	555	55.5	113.2	PGGP				M	
09525W	4728N	5067-16202	00000/0000	1-10039/0191	06/25/75	30	4878	55.6	123.6	FFTF					
09525W	4720N	1743-16340	00000/0000	1-10027/1087	08/05/74	10	360	51.8	133.1	GGGG				M	
09526W	3027N	1955-16081	00000/0000	1-10035/0649	03/05/75	100	3316	39.6	130.3	GPFF					
09526W	3017N	1739-16161	00000/0000	1-10027/1057	08/01/74	60	304	57.8	104.7	GGGG					
09526W	3016N	1883-16112	00000/0000	1-10033/0254	12/23/74	100	2312	28.0	146.2	FPPG					
09527W	4309N	1796-16272	00000/0000	1-10030/0757	09/27/74	50	1099	39.4	145.1	GGGG					
09527W	3016N	1847-16124	00000/0000	1-10032/0208	11/17/74	90	1810	33.6	147.3	GPPG					
09527W	3012N	1901-16103	00000/0000	1-10033/0841	01/10/75	20	2563	28.1	143.3	GG G					
09527W	2429N	1792-16100	00000/0000	1-10030/0486	09/23/74	60	1043	51.3	124.8	GGPP					
09528W	4723N	5013-16232	00000/0000	1-10037/0630	05/02/75	10	4125	50.1	133.7	FGGG					
09528W	3022N	1973-16072	00000/0000	1-10036/0261	03/23/75	100	3567	45.5	124.6	PGPG					
09528W	3022N	1991-16063	00000/0000	00000/0000	04/10/75	80	3818	51.0	118.0	GGGG					
09529W	4721N	5049-16212	00000/0000	1-10038/0612	06/07/75	20	4627	55.8	125.7	GGFG					
09529W	3435N	1794-16183	00000/0000	1-10030/0422	09/25/74	100	1071	45.5	136.8	GGGG					
09530W	4317N	1814-16272	00000/0000	1-10030/1484	10/15/74	80	1350	33.4	149.9	GGGG					
09530W	2430N	1774-16105	00000/0000	1-10029/0856	09/05/74	50	792	54.3	114.3	GGGG					
09531W	4719N	5031-16222	00000/0000	1-10038/0247	05/20/75	30	4376	54.0	129.5	PGGG					
09531W	3016N	5009-16053	00000/0000	1-10037/0479	04/28/75	100	4069	55.3	110.3	GGGF					
09531W	3016N	5045-16034	00000/0000	1-10038/0571	06/03/75	30	4571	58.6	96.5	GFFG					
09531W	3015N	5027-16044	00000/0000	1-10038/0056	05/16/75	20	4320	57.8	102.5	GGPG					
09531W	2430N	1738-16121	00000/0000	1-10027/0981	07/31/74	60	290	57.9	94.5	PGPG					
09532W	3851N	1795-16230	00000/0000	1-10030/0711	09/26/74	30	1085	42.6	141.1	GGGG					
09532W	3442N	1812-16182	00000/0000	1-10030/1373	10/13/74	80	1322	40.2	143.3	PGPG					
09532W	3433N	1848-16171	00000/0000	1-10032/0227	11/18/74	80	1824	30.2	149.7	GGPG					
09533W	3431N	1776-16192	00000/0000	1-10029/1002	09/07/74	20	820	50.2	128.8	PGPG					
09533W	2434N	1828-16092	00000/0000	1-10031/0289	10/29/74	10	1545	42.5	140.1	PGPG					

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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03:20 SEP 30, 1975

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0477

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09533W 2427N	1756-16113	00000/0000 1-10028/0015	08/18/74	60	541	56.4	103.6		GGGG	
09534W 4319N	1958-16213	00000/0000 1-10035/0752	03/08/75	0	3358	33.4	139.7		GGFG	
09534W 4315N	1832-16265	00000/0000 1-10031/0816	11/02/74	60	1601	27.7	152.8		GGGG	
09534W 4303N	1778-16281	00000/0000 00000/0000	09/09/74	50	848	45.0	139.1		RGPB	
09535W 4306N	1760-16290	00000/0000 1-10029/0055	08/22/74	10	597	49.9	132.7		PGGG	M
09535W 3442N	5082-16060	00000/0000 1-10040/0094	07/10/75	90	5087	56.8	102.5		FFFG	
09535W 3432N	1884-16154	00000/0000 1-10033/0295	12/24/74	100	2326	24.8	148.1		FPFP	
09535W 2432N	1846-16084	00000/0000 1-10032/0167	11/16/74	40	1796	38.0	143.7		GPP	
09535W 2428N	1900-16063	00000/0000 1-10033/0812	01/09/75	80	2549	32.0	140.5		FFFG	
09536W 4316N	1940-16222	00000/0000 1-10034/0433	02/18/75	90	3107	27.1	142.7		PGGG	
09536W 4315N	5084-16145	00000/0000 1-10040/0219	07/12/75	40	5115	55.3	117.0		FGGG	
09536W 4312N	1922-16231	00000/0000 1-10035/0222	01/31/75	100	2856	22.2	145.7		GGGE	
09536W 4310N	1850-16260	00000/0000 1-10032/0437	11/20/74	10	1852	22.9	154.0		GGGG	
09536W 3858N	1813-16225	00000/0000 1-10030/1391	10/14/74	100	1336	36.9	146.7		PPP	
09536W 3443N	1956-16124	00000/0000 1-10035/0773	03/06/75	100	3330	37.7	133.5		GFFF	
09536W 3441N	1830-16175	00000/0000 1-10031/0725	10/31/74	100	1573	34.9	147.6		GPP	
09536W 3441N	1938-16132	00000/0000 1-10034/0420	02/16/75	100	3079	32.0	137.7		GGGG	
09536W 3434N	1740-16204	00000/0000 1-10027/1053	08/02/74	50	318	57.1	112.5		GGGG	
09536W 3434N	1758-16200	00000/0000 1-10028/0117	08/20/74	0	569	54.1	120.3		GGGP	
09536W 2431N	1954-16041	00000/0000 1-10035/0635	03/04/75	30	3302	42.1	125.5		GGGG	
09537W 4317N	1976-16204	00000/0000 1-10036/0327	03/26/75	100	3609	40.1	136.5		FFGF	
09537W 4308N	1886-16244	00000/0000 1-10033/0380	12/26/74	20	2354	18.2	151.6		FFGG	
09537W 3902N	1939-16175	00000/0000 1-10034/0495	02/17/75	90	3093	29.6	140.3		GFGG	
09537W 3436N	1866-16163	00000/0000 1-10032/0862	12/06/74	90	2075	26.6	149.8		GGGP	
09538W 4314N	1994-16194	00000/0000 1-10037/0168	04/13/75	70	3860	46.5	132.8		GGGG	
09538W 4303N	1742-16294	00000/0000 1-10027/1219	08/04/74	0	346	54.0	126.7		GG	
09538W 3848N	1777-16235	00000/0000 1-10029/0938	09/08/74	0	834	47.8	134.2		GGGP	M
09538W 2430N	5008-16013	00000/0000 1-10037/0465	04/27/75	40	4055	55.7	101.7		GPGE	
09539W 4313N	5066-16155	00000/0000 1-10039/0180	06/24/75	70	4864	57.0	116.5		PGGG	
09539W 3902N	1957-16170	00000/0000 1-10035/0806	03/07/75	60	3344	35.6	136.7		GGGG	
09539W 3858N	1831-16222	00000/0000 1-10031/0825	11/01/74	30	1587	31.4	150.3		GPGG	M
09539W 3850N	1759-16243	00000/0000 1-10029/0075	08/21/74	40	583	52.2	126.7		GGGG	M
09539W 3438N	1974-16115	00000/0000 1-10036/0305	03/24/75	0	3581	43.9	128.7		GGGG	
09540W 3900N	1993-16152	00000/0000 1-10037/0069	04/12/75	20	3846	48.3	128.1		FGGE	
09540W 3857N	5083-16102	00000/0000 1-10040/0104	07/11/75	30	5101	56.3	109.8		GGFF	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09540W 3851N	1741-16251	00000/0000	1-10027/0958	08/03/74	30	332	55.8	119.8	G	GG	
09541W 4309N	5012-16185	00000/0000	1-10037/0512	05/01/75	20	4111	51.9	128.2	GGGG		
09541W 3853N	1849-16214	00000/0000	1-10032/0317	11/19/74	30	1838	26.6	151.9	PPPP		
09541W 3853N	1921-16184	00000/0000	1-10034/0007	01/30/75	90	2842	25.0	143.7	FPFP		
09541W 3851N	1867-16205	00000/0000	1-10032/0886	12/07/74	20	2089	23.1	151.7	GGGG		M
09541W 3433N	5028-16090	00000/0000	1-10038/0213	05/17/75	10	4334	57.5	109.6	FGGG		
09541W 3432N	5010-16100	00000/0000	1-10038/0117	04/29/75	60	4083	54.5	116.5	GGFG		
09542W 4308N	5048-16170	00000/0000	1-10038/0595	06/06/75	10	4613	57.2	118.7	GGGG		
09542W 3856N	1975-16161	00000/0000	1-10036/0239	03/25/75	10	3595	42.1	132.7	FGGG		
09543W 4305N	5030-16180	00000/0000	1-10038/0224	05/19/75	10	4362	55.6	123.1	GGGG		
09543W 2922N	1937-16092	00000/0000	1-10034/0409	02/15/75	100	3065	34.9	134.5	GGGG		
09545W 3855N	5011-16142	00000/0000	1-10038/0154	04/30/75	30	4097	53.4	122.5	GGFG		
09545W 2847N	1793-16143	00000/0000	1-10030/0566	09/24/74	70	1057	49.0	130.3	GGGG		
09546W 3851N	5029-16133	00000/0000	1-10038/0046	05/18/75	0	4348	56.8	116.5	GGFG		
09546W 2855N	1811-16141	00000/0000	1-10030/1314	10/12/74	60	1308	44.3	138.2	PP		
09547W 2847N	1775-16152	00000/0000	1-10029/0919	09/06/74	30	806	52.8	120.9	PPPG		
09548W 2846N	1757-16160	00000/0000	1-10028/0093	08/19/74	60	555	55.8	111.0	GGGG		
09549W 4557N	1797-16322	00000/0000	1-10030/0609	09/28/74	20	1113	37.1	147.7	GGGG		
09549W 2850N	1739-16164	00000/0000	1-10027/1058	08/01/74	40	304	57.9	102.3	GGGG		
09550W 2900N	1955-16083	00000/0000	1-10035/0650	03/05/75	90	3316	40.3	129.1	FGGF		
09550W 2850N	1883-16114	00000/0000	1-10033/0255	12/23/74	90	2312	29.1	145.5	FG F		
09551W 2852N	1865-16122	00000/0000	1-10032/0843	12/05/74	90	2061	31.0	147.0	GGGG		
09551W 2846N	1901-16110	00000/0000	1-10033/0842	01/10/75	10	2563	29.1	142.6	PF F		
09552W 2856N	1973-16075	00000/0000	1-10036/0262	03/23/75	90	3567	46.1	123.1	FGFG		
09552W 2856N	1991-16065	00000/0000	00000/0000	04/10/75	100	3818	51.4	116.2	FGFE		
09552W 2849N	1847-16131	00000/0000	1-10032/0209	11/17/74	90	1810	34.7	146.4	FGGG		
09553W 4605N	1851-16305	00000/0000	1-10032/0338	11/21/74	70	1866	20.3	155.4	PPGG		
09554W 4604N	1833-16314	00000/0000	1-10031/0880	11/03/74	60	1615	25.2	154.5	GGGG		
09555W 4611N	1959-16262	00000/0000	1-10035/0925	03/09/75	100	3372	31.9	141.6	FGGG		
09555W 4610N	1941-16271	00000/0000	1-10034/0572	02/19/75	0	3121	25.5	144.3	FGGG		
09555W 4603N	1815-16321	00000/0000	1-10031/0156	10/16/74	20	1364	30.9	151.9	GGGG		
09555W 2851N	5045-16040	00000/0000	1-10038/0572	06/03/75	30	4571	58.5	94.0	FFGG		
09555W 2849N	5027-16050	00000/0000	1-10038/0057	05/16/75	10	4320	57.9	100.1	GGGG		
09556W 4606N	5085-16194	00000/0000	00000/0000	07/13/75	10	5129	54.3	121.8	FGGG		
09556W 4557N	1761-16335	00000/0000	1-10029/0181	08/23/74	10	611	48.1	136.5	GGGG		M

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS		%				123	45678	
09556W	4554N	1779-16330	00000/0000	1-10029/1123	09/10/74	100	862	42.9	142.3		GGPP	
09556W	3309N	1794-16190	00000/0000	1-10030/0423	09/25/74	100	1071	46.4	135.4		GGGG	
09556W	2849N	5009-16060	00000/0000	1-10037/0480	04/28/75	80	4069	55.5	108.0		FFFF	
09557W	4600N	1923-16280	00000/0000	1-10034/0293	02/01/75	80	2870	20.4	147.0		GGGG	
09557W	4558N	1887-16293	00000/0000	1-10033/0363	12/27/74	0	2368	16.0	152.6		GGFG	
09558W	4605N	1995-16244	00000/0000	1-10037/0196	04/14/75	90	3874	45.3	135.7		FGF	
09558W	4601N	1869-16301	00000/0000	1-10032/0971	12/09/74	20	2117	17.1	154.6		FFFF	
09558W	4144N	1796-16275	00000/0000	1-10030/0758	09/27/74	80	1099	40.4	143.9		GGGG	
09558W	3315N	1812-16184	00000/0000	1-10030/1374	10/13/74	70	1322	41.2	142.2		PGPG	
09558W	3307N	1848-16174	00000/0000	1-10032/0228	11/18/74	90	1824	31.2	148.9		PGPG	
09559W	4603N	1977-16253	00000/0000	1-10036/0394	03/27/75	100	3623	38.8	138.9		GGGE	
09559W	4555N	1743-16343	00000/0000	1-10027/1088	08/05/74	30	360	52.5	131.1		GGGG	M
09559W	3304N	1776-16194	00000/0000	1-10029/1003	09/07/74	60	820	50.9	127.0		PGPG	
09600W	4604N	5067-16204	00000/0000	1-10039/0192	06/25/75	30	4878	56.1	121.2		FGFG	
09600W	3725N	1795-16232	00000/0000	1-10030/0712	09/26/74	30	1085	43.5	139.9		GGGG	
09601W	4151N	1814-16274	00000/0000	1-10030/1485	10/15/74	60	1350	34.4	148.9		PGGG	M
09601W	3316N	5082-16062	00000/0000	1-10040/0095	07/10/75	100	5087	56.8	100.0		GFFG	
09601W	3315N	1830-16182	00000/0000	1-10031/0726	10/31/74	100	1573	35.9	146.7		GGPP	
09601W	3307N	1884-16161	00000/0000	1-10033/0296	12/24/74	100	2326	25.9	147.5		GGGP	
09602W	4558N	5013-16234	00000/0000	1-10037/0631	05/02/75	10	4125	50.8	131.8		GGGG	
09602W	3317N	1956-16130	00000/0000	1-10035/0774	03/06/75	100	3330	38.5	132.4		GFFG	
09602W	3315N	1938-16135	00000/0000	1-10034/0421	02/16/75	90	3079	32.9	136.8		GGGG	
09602W	3308N	1740-16211	00000/0000	1-10027/1112	08/02/74	30	318	57.3	110.1		GGGG	
09602W	3308N	1758-16203	00000/0000	1-10028/0118	08/20/74	0	569	54.5	118.2		PGPG	
09603W	4555N	5049-16215	00000/0000	1-10038/0613	06/07/75	10	4627	56.3	123.3		PPPP	
09603W	3310N	1866-16165	00000/0000	1-10032/0863	12/06/74	50	2075	27.7	149.1		PGGG	
09604W	3732N	1813-16231	00000/0000	1-10030/1392	10/14/74	100	1336	37.9	145.7		PPG	
09605W	4554N	5031-16225	00000/0000	1-10038/0248	05/20/75	30	4376	54.6	127.3		GGGG	
09605W	4154N	1958-16215	00000/0000	1-10035/0753	03/08/75	30	3358	34.2	138.6		GGFG	
09605W	4149N	1832-16271	00000/0000	1-10031/0817	11/02/74	50	1601	28.9	152.1		PGGG	
09605W	4137N	1778-16284	00000/0000	00000/0000	09/09/74	50	848	45.9	137.6		GPG	
09605W	3312N	1974-16121	00000/0000	1-10036/0289	03/24/75	0	3581	44.6	127.2		GFGG	
09606W	4149N	5084-16152	00000/0000	1-10040/0220	07/12/75	40	5115	55.6	114.7		GGGP	
09606W	4146N	1922-16233	00000/0000	1-10035/0223	01/31/75	100	2856	23.2	145.0		GGGG	
09606W	4144N	1850-16263	00000/0000	1-10032/0438	11/20/74	10	1852	24.1	153.3		PGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P B P C C D D
09606W 3736N	1939-16182	00000/0000	1-10034/0496	02/17/75	60	3093	30.5	139.4		GGGG	
09606W 3722N	1777-16241	00000/0000	1-10029/0939	09/08/74	0	834	48.6	132.6		GPGG	
09607W 4857N	1834-16363	00000/0000	1-10031/0982	11/04/74	100	1629	22.5	156.1		PGGP	
09607W 4151N	1940-16224	00000/0000	1-10034/0434	02/18/75	80	3107	28.1	141.8		GGGG	
09607W 4141N	1760-16292	00000/0000	1-10029/0056	08/22/74	60	597	50.6	130.9		PGPG	
09607W 3733N	1831-16224	00000/0000	1-10031/0826	11/01/74	30	1587	32.5	149.5		GPGG	
09607W 3725N	1759-16245	00000/0000	1-10029/0076	08/21/74	20	583	52.8	124.8		GGGG	
09607W 3308N	5046-16083	00000/0000	1-10039/0025	06/04/75	80	4585	58.7	101.4		GGFG	
09607W 3307N	5028-16093	00000/0000	1-10038/0214	05/17/75	10	4334	57.7	107.1		FGGG	
09608W 4904N	1960-16311	00000/0000	1-10035/1007	03/10/75	40	3386	30.4	143.6		GGGG	
09608W 4854N	1852-16355	00000/0000	1-10032/0937	11/22/74	90	1880	17.8	156.7		GGGF	
09608W 4847N	1780-16380	00000/0000	1-10030/0015	09/11/74	90	876	40.7	145.3		PGPP	
09608W 4143N	1886-16250	00000/0000	1-10033/0381	12/26/74	20	2354	19.3	151.0		PFFG	
09608W 3737N	1957-16173	00000/0000	1-10035/0807	03/07/75	60	3344	36.4	135.6		GGGG	
09608W 3731N	5083-16105	00000/0000	1-10040/0105	07/11/75	0	5101	56.5	107.4		FFFG	
09608W 3725N	1741-16253	00000/0000	1-10027/0964	08/03/74	20	332	56.2	117.6		GGGG	
09609W 4853N	1816-16371	00000/0000	1-10030/1580	10/17/74	100	1378	28.4	153.9		PGPP	
09609W 4848N	1744-16392	00000/0000	1-10027/1324	08/06/74	0	374	50.8	135.3		GGGG	M
09609W 4148N	1994-16201	00000/0000	1-10037/0169	04/13/75	100	3860	47.2	131.1		GFFF	
09609W 4137N	1742-16300	00000/0000	1-10027/1196	08/04/74	20	346	54.6	124.5		GGGG	
09609W 3734N	1993-16154	00000/0000	1-10037/0070	04/12/75	10	3846	48.9	126.4		FPGG	
09609W 3727N	1849-16220	00000/0000	1-10032/0318	11/19/74	30	1838	27.7	151.2		RPPP	
09609W 3725N	1867-16212	00000/0000	1-10032/0887	12/07/74	10	2089	24.2	151.0		FGGG	
09610W 4852N	1924-16325	00000/0000	1-10034/0049	02/02/75	0	2884	18.6	148.3		GGFG	
09610W 4848N	1762-16384	00000/0000	1-10029/0273	08/24/74	80	625	46.2	140.1		GGGG	
09610W 4148N	5066-16162	00000/0000	1-10039/0181	06/24/75	60	4864	57.3	114.0		FFGF	
09610W 3731N	1975-16164	00000/0000	1-10036/0240	03/25/75	0	3595	42.8	131.3		FGGG	
09610W 3727N	1921-16190	00000/0000	1-10034/0008	01/30/75	90	2842	25.9	143.0		PFFF	
09610W 2732N	5081-16022	00000/0000	1-10039/0499	07/09/75	50	5073	56.4	90.4		FFFF	
09610W 2729N	1811-16144	00000/0000	1-10030/1315	10/12/74	30	1308	45.2	136.9		GGPP	
09611W 4850N	1870-16350	00000/0000	1-10032/0637	12/10/74	20	2131	14.7	155.8		FGFG	
09611W 4847N	1888-16342	00000/0000	1-10033/0388	12/28/74	70	2382	13.8	153.7		PGGG	
09611W 2722N	1775-16154	00000/0000	1-10029/0920	09/06/74	40	806	53.3	119.0		PPPG	
09612W 4855N	5086-16243	00000/0000	1-10040/0138	07/14/75	10	5143	53.1	126.3		FFFG	
09612W 4144N	5012-16192	00000/0000	1-10037/0513	05/01/75	10	4111	52.5	126.2		GGGG	M

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PAGE 0481

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09612W 3729N	5011-16145	00000/0000	1-10038/0155	04/30/75	30	4097	53.9	120.5		GGGG	
09612W 2722N	1739-16170	00000/0000	1-10027/1059	08/01/74	30	304	57.9	99.8		GGGP	
09612W 2721N	1757-16163	00000/0000	1-10028/0077	08/19/74	40	555	56.0	108.8		P P	
09613W 4855N	1996-16293	00000/0000	1-10037/0229	04/15/75	80	3888	44.0	138.7		FGFF	
09613W 4142N	5048-16172	00000/0000	1-10038/0596	06/06/75	30	4613	57.6	116.2		GGGG	
09614W 4856N	1978-16302	00000/0000	1-10037/0047	03/28/75	90	3637	37.4	141.3		FGFG	
09614W 4853N	5068-16254	00000/0000	1-10039/0276	06/26/75	80	4892	55.1	125.9		FFGG	
09614W 4140N	5030-16182	00000/0000	1-10038/0225	05/19/75	30	4362	56.1	120.8		FGGG	
09614W 3725N	5029-16135	00000/0000	1-10038/0047	05/18/75	20	4348	57.1	114.1		FGGG	
09614W 2734N	1955-16090	00000/0000	1-10035/0665	03/05/75	90	3316	41.0	127.8		FFFF	
09614W 2732N	1937-16095	00000/0000	1-10034/0539	02/15/75	90	3065	35.9	133.2		FFFF	
09614W 2724N	1883-16121	00000/0000	1-10033/0256	12/23/74	100	2312	30.1	144.8		FFFF	
09615W 2730N	1991-16072	00000/0000	00000/0000	04/10/75	90	3818	51.8	114.2		GGGG	
09615W 2726N	1865-16125	00000/0000	1-10032/0844	12/05/74	90	2061	32.1	146.2		GGGG	
09615W 2724N	1847-16133	00000/0000	1-10032/0210	11/17/74	70	1810	35.7	145.6		PGGG	
09615W 2720N	1901-16112	00000/0000	1-10033/0843	01/10/75	0	2563	30.1	141.8		FFFE	
09616W 4851N	5050-16264	00000/0000	1-10039/0036	06/08/75	30	4641	55.3	127.9		FFGG	
09616W 2729N	1973-16081	00000/0000	1-10036/0263	03/23/75	70	3567	46.6	121.5		FGGG	
09617W 4850N	5014-16283	00000/0000	1-10038/0183	05/03/75	60	4139	49.6	135.3		GGGG	
09618W 2725N	5045-16043	00000/0000	1-10038/0573	06/03/75	40	4571	58.3	91.5		FFFF	
09618W 2723N	5027-16053	00000/0000	1-10038/0058	05/16/75	10	4320	57.8	97.6		FFGG	
09619W 2723N	5009-16062	00000/0000	1-10037/0481	04/28/75	50	4069	55.7	105.8		PGGF	
09621W 3142N	1794-16192	00000/0000	1-10030/0424	09/25/74	100	1071	47.2	133.9		GGGG	
09623W 3150N	1812-16191	00000/0000	1-10030/1375	10/13/74	80	1322	42.2	141.0		PGPG	
09624W 3141N	1848-16180	00000/0000	1-10032/0229	11/18/74	80	1824	32.3	148.1		PPGG	
09624W 3139N	1776-16201	00000/0000	1-10029/1104	09/07/74	70	820	51.5	125.2		PPPG	
09625W 3150N	5082-16065	00000/0000	1-10040/0096	07/10/75	90	5087	56.7	97.6		GGFG	
09626W 3149N	1830-16184	00000/0000	1-10031/0727	10/31/74	100	1573	37.0	145.8		PPPP	
09626W 3140N	1758-16205	00000/0000	1-10028/0119	08/20/74	0	569	54.9	116.0		GPPG	
09627W 4440N	1851-16312	00000/0000	1-10032/0339	11/21/74	70	1866	21.5	154.7		PPPG	
09627W 4439N	1833-16320	00000/0000	1-10031/0881	11/03/74	90	1615	26.3	153.7		GGGP	
09627W 3559N	1795-16235	00000/0000	1-10030/0713	09/26/74	20	1085	44.4	138.5		GGGG	
09627W 3149N	1938-16141	00000/0000	1-10034/0340	02/16/75	90	3079	33.7	135.9		GFGG	
09627W 3141N	1740-16213	00000/0000	1-10027/1113	08/02/74	50	318	57.5	107.6		GGGG	
09627W 3140N	1884-16163	00000/0000	1-10033/0297	12/24/74	100	2326	26.9	146.8		FFGG	

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P P B P C C D D
09628W 4446N	1959-16264	00000/0000	1-10035/0926	03/09/75	90	3372	32.8	140.6		FGFF	
09628W 4444N	1941-16273	00000/0000	1-10034/0573	02/19/75	0	3121	26.5	143.4		FFGG	
09628W 4437N	1815-16324	00000/0000	1-10031/0157	10/16/74	0	1364	32.0	151.0		GGGG	
09628W 4018N	1796-16281	00000/0000	1-10030/0759	09/27/74	70	1099	41.3	142.7		GGGG	
09628W 3151N	1956-16133	00000/0000	1-10035/0775	03/06/75	100	3330	39.2	131.2		GF GG	
09628W 3144N	1866-16172	00000/0000	1-10032/0864	12/06/74	10	2075	28.7	148.4		GGGG	
09629W 4441N	5085-16201	00000/0000	00000/0000	07/13/75	10	5129	54.8	119.5		FFGG	
09629W 4432N	1761-16341	00000/0000	1-10029/0182	08/23/74	10	611	48.9	134.8		GGGG	M
09630W 4435N	1923-16282	00000/0000	1-10034/0294	02/01/75	90	2870	21.4	146.3		GGGG	
09630W 4433N	1887-16295	00000/0000	1-10033/0364	12/27/74	20	2368	17.1	152.0		GGGG	
09630W 4430N	1779-16333	00000/0000	1-10029/1124	09/10/74	40	862	43.8	140.9		FGGG	
09631W 4436N	1869-16304	00000/0000	1-10032/0972	12/09/74	10	2117	18.3	154.0		FGGG	
09631W 4025N	1814-16281	00000/0000	1-10030/1486	10/15/74	0	1350	35.5	148.0		GGGG	
09631W 3146N	1974-16124	00000/0000	1-10036/0290	03/24/75	0	3581	45.2	125.8		FGGG	
09632W 4440N	1995-16250	00000/0000	1-10037/0197	04/14/75	100	3874	46.1	134.2		GGGG	
09632W 4438N	1977-16260	00000/0000	1-10036/0395	03/27/75	100	3623	39.7	137.6		FFGG	
09632W 4429N	1743-16345	00000/0000	1-10027/1089	08/05/74	30	360	53.2	129.0		GGGG	M
09632W 3607N	1813-16234	00000/0000	1-10030/1393	10/14/74	100	1336	38.9	144.7		FGGG	
09632W 3142N	5028-16095	00000/0000	1-10038/0215	05/17/75	20	4334	57.9	104.6		FGGG	
09632W 3142N	5046-16085	00000/0000	1-10039/0026	06/04/75	50	4585	58.7	98.8		GGGG	
09632W 2555N	1793-16152	00000/0000	1-10030/0592	09/24/74	50	1057	50.4	127.0		GGGG	
09633W 4438N	5067-16211	00000/0000	1-10039/0193	06/25/75	20	4878	56.6	118.8		FFGG	
09633W 3610N	1939-16184	00000/0000	1-10034/0497	02/17/75	10	3093	31.4	138.5		GGGG	
09633W 3556N	1777-16244	00000/0000	1-10029/0940	09/08/74	10	834	49.3	130.9		GGGG	
09634W 3607N	1831-16231	00000/0000	1-10031/0827	11/01/74	10	1587	33.5	148.6		FGGG	
09634W 3600N	1759-16252	00000/0000	1-10029/0077	08/21/74	0	583	53.3	122.8		GGGG	M
09634W 2606N	5081-16025	00000/0000	1-10039/0500	07/09/75	40	5073	56.1	88.2		GGGG	
09634W 2603N	1811-16150	00000/0000	1-10030/1316	10/12/74	40	1308	46.1	135.6		GGGG	
09635W 4028N	1958-16222	00000/0000	1-10035/0754	03/08/75	50	3358	35.1	137.5		GGGG	
09635W 4024N	1832-16274	00000/0000	1-10031/0818	11/02/74	40	1601	30.0	151.3		GPP	
09635W 4012N	1778-16290	00000/0000	00000/0000	09/09/74	40	848	46.7	136.1		GPPG	
09635W 3611N	1957-16175	00000/0000	1-10035/0808	03/07/75	90	3344	37.2	134.4		GGGG	
09635W 3605N	5083-16111	00000/0000	1-10040/0106	07/11/75	30	5101	56.6	105.0		FGGG	
09635W 2556N	1739-16173	00000/0000	1-10027/1060	08/01/74	40	304	57.9	97.4		GGGG	
09635W 2555N	1775-16161	00000/0000	1-10029/0921	09/06/74	30	806	53.8	117.0		PPPG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09635W 2553N	1757-16165	00000/0000	1-10028/0078	08/19/74	50	555	56.2	106.5		P PP	
09636W 4433N	5013-16241	00000/0000	1-10037/0632	05/02/75	20	4125	51.5	129.9		GGGG	
09636W 4431N	5049-16221	00000/0000	1-10038/0614	06/07/75	10	4627	56.8	120.9		FGGG	
09636W 4025N	1940-16231	00000/0000	1-10034/0435	02/18/75	90	3107	29.0	140.9		GGFF	
09636W 4023N	5084-16154	00000/0000	1-10040/0221	07/12/75	20	5115	55.9	112.3		FGGF	
09636W 4021N	1922-16240	00000/0000	1-10035/0224	01/31/75	100	2856	24.2	144.3		GGFG	
09636W 4019N	1850-16265	00000/0000	1-10032/0439	11/20/74	0	1852	25.2	152.6		GGGG	
09636W 4015N	1760-16295	00000/0000	1-10029/0057	08/22/74	50	597	51.3	129.0		GGGP	
09636W 3601N	1849-16223	00000/0000	1-10032/0319	11/19/74	10	1838	28.8	150.5		PPPP	
09636W 3600N	1867-16214	00000/0000	1-10032/0888	12/07/74	20	2089	25.3	150.4		GFGG	
09636W 3559N	1741-16260	00000/0000	1-10027/1158	08/03/74	10	332	56.6	115.2		GGGG	
09637W 4017N	1886-16253	00000/0000	1-10033/0382	12/26/74	70	2354	20.4	150.4		FFFF	
09637W 3605N	1975-16170	00000/0000	1-10036/0241	03/25/75	0	3595	43.6	129.9		GFHF	
09637W 3601N	1921-16193	00000/0000	1-10034/0009	01/30/75	90	2842	26.9	142.2		GGFF	
09637W 2607N	1955-16092	00000/0000	1-10035/0666	03/05/75	60	3316	41.7	126.6		FGGF	
09637W 2557N	1883-16123	00000/0000	1-10033/0257	12/23/74	90	2312	31.1	144.1		FFFF	
09638W 4429N	5031-16231	00000/0000	1-10038/0249	05/20/75	20	4376	55.2	125.1		FFGG	
09638W 4026N	1976-16213	00000/0000	1-10036/0328	03/26/75	100	3609	41.7	133.8		FGFF	
09638W 4012N	1742-16303	00000/0000	1-10027/1197	08/04/74	0	346	55.1	122.3		GGGG	
09638W 2606N	1937-16101	00000/0000	1-10034/0540	02/15/75	60	3065	36.7	132.1		FFFF	
09638W 2604N	1991-16074	00000/0000	00000/0000	04/10/75	90	3818	52.1	112.3		FGGG	
09638W 2600N	1865-16131	00000/0000	1-10032/0845	12/05/74	70	2061	33.1	145.5		GGGG	
09638W 2557N	1847-16140	00000/0000	1-10032/0211	11/17/74	50	1810	36.8	144.7		GGGG	
09639W 4023N	1994-16203	00000/0000	1-10037/0170	04/13/75	100	3860	47.9	129.5		GGFF	
09639W 3604N	5011-16151	00000/0000	1-10038/0156	04/30/75	40	4097	54.3	118.3		GGGG	
09639W 2603N	1973-16084	00000/0000	1-10036/0264	03/23/75	70	3567	47.2	119.9		GGGG	
09639W 2554N	1901-16115	00000/0000	1-10033/0844	01/10/75	0	2563	31.1	141.1		FF F	
09640W 4022N	5066-16164	00000/0000	1-10039/0182	06/24/75	20	4864	57.6	111.5		FGGG	
09640W 2557N	5027-16055	00000/0000	1-10038/0059	05/16/75	0	4320	57.8	95.2		FGFG	
09641W 4018N	5012-16194	00000/0000	1-10037/0514	05/01/75	30	4111	53.1	124.2		GGGG	
09641W 3600N	5029-16142	00000/0000	1-10038/0048	05/18/75	40	4348	57.4	111.7		GGFG	
09641W 2558N	5045-16045	00000/0000	1-10038/0574	06/03/75	60	4571	58.1	89.1		FGFG	
09642W 2557N	5009-16065	00000/0000	1-10037/0482	04/28/75	40	4069	55.8	103.5		FGGG	
09643W 4016N	5048-16175	00000/0000	1-10038/0597	06/06/75	30	4613	57.9	113.7		GGGG	
09644W 4733N	1834-16365	00000/0000	1-10031/0983	11/04/74	90	1629	23.7	155.4		PPPP	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09644W	4015N	5030-16185	00000/0000	1-10038/0226	05/19/75	50	4362	56.5	118.5		FGGG				
09645W	4739N	1960-16314	00000/0000	1-10035/1008	03/10/75	20	3386	31.4	142.6		GF G				
09645W	4729N	1852-16361	00000/0000	1-10032/0938	11/22/74	70	1880	19.0	156.0		FFGF				
09645W	4728N	1816-16373	00000/0000	1-10030/1581	10/17/74	100	1378	29.5	153.0		PGPP				
09645W	4722N	1780-16382	00000/0000	1-10030/0016	09/11/74	60	876	41.6	144.0		GPP				
09646W	4725N	1744-16394	00000/0000	1-10027/1325	08/06/74	0	374	51.6	133.4		GGGG		M		M
09646W	3016N	1794-16195	00000/0000	1-10030/0425	09/25/74	100	1071	48.0	132.4		GGGG				
09647W	4728N	1924-16331	00000/0000	1-10034/0050	02/02/75	60	2884	19.7	147.6		GGGG				
09647W	4725N	1870-16353	00000/0000	1-10032/0638	12/10/74	40	2131	15.9	155.2		GF G				
09647W	4723N	1762-16390	00000/0000	1-10029/0274	08/24/74	10	625	47.0	138.5		GGGG		M		
09648W	4730N	5086-16250	00000/0000	1-10040/0139	07/14/75	10	5143	53.7	124.1		FGGG				
09648W	4722N	1888-16345	00000/0000	1-10033/0389	12/28/74	40	2382	14.9	153.1		PFGG				
09648W	3024N	1812-16193	00000/0000	1-10030/1376	10/13/74	80	1322	43.1	139.8		PGPG				
09648W	3015N	1848-16183	00000/0000	1-10032/0230	11/18/74	80	1824	33.4	147.3		GGGG				
09648W	3013N	1776-16203	00000/0000	1-10029/1005	09/07/74	50	820	52.1	123.4		PGPG				
09649W	4731N	1996-16295	00000/0000	1-10037/0230	04/15/75	90	3888	44.9	137.1		FFFG				
09649W	3023N	5082-16071	00000/0000	1-10040/0122	07/10/75	70	5087	56.6	95.3		FGGG				
09650W	3023N	1830-16191	00000/0000	1-10031/0728	10/31/74	80	1573	38.0	144.8		PGPP				
09650W	3016N	1758-16212	00000/0000	1-10028/0120	08/20/74	10	569	55.3	113.9		PGG				
09651W	4730N	1978-16305	00000/0000	1-10037/0048	03/28/75	100	3637	38.3	140.0		FGFG				
09651W	4728N	5068-16260	00000/0000	1-10039/0277	06/26/75	70	4892	55.6	123.5		FFFG				M
09652W	4725N	5050-16270	00000/0000	1-10039/0037	06/08/75	80	4641	55.8	125.6		PFGG				
09652W	3025N	1956-16135	00000/0000	1-10035/0776	03/06/75	100	3330	40.0	130.0		FGGF				
09652W	3023N	1938-16144	00000/0000	1-10034/0341	02/16/75	70	3079	34.6	134.9		GGGG				
09652W	3018N	1866-16174	00000/0000	1-10032/0865	12/06/74	10	2075	29.8	147.7		GGPP				
09652W	3016N	1740-16220	00000/0000	1-10027/1114	08/02/74	90	318	57.7	105.2		PGGG				
09652W	3014N	1884-16170	00000/0000	1-10033/0298	12/24/74	90	2326	28.0	146.1		FFPG				
09653W	4725N	5014-16290	00000/0000	1-10038/0184	05/03/75	50	4139	50.3	133.5		GF GG				
09654W	4306N	1797-16331	00000/0000	1-10030/0732	09/28/74	30	1113	39.1	145.4		GGPG				
09654W	3433N	1795-16241	00000/0000	1-10030/0714	09/26/74	40	1085	45.3	137.2		GGGG				
09655W	5010N	1781-16431	00000/0000	1-10029/1147	09/12/74	90	890	39.4	146.9		GGGG				
09655W	2429N	1793-16155	00000/0000	1-10030/0593	09/24/74	40	1057	51.1	125.3		GP GG				
09656W	3019N	1974-16130	00000/0000	1-10036/0291	03/24/75	0	3581	45.8	124.2		GGGG				
09656W	3017N	5028-16102	00000/0000	1-10038/0216	05/17/75	10	4334	57.9	102.2		GGFG				
09656W	3017N	5046-16092	00000/0000	1-10039/0027	06/04/75	60	4585	58.6	96.3		FGFF				

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P B P C C D D
09657W 3853N	1796-16284	00000/0000	1-10030/0760	09/27/74	80	1099	42.3	141.5		GGGG	
09658W 2430N	1739-16175	00000/0000	1-10027/1061	08/01/74	50	304	57.8	94.9		GGGG	
09659W 5010N	1889-16394	00000/0000	1-10033/0448	12/29/74	0	2396	12.7	154.2		GGGG	
09659W 5009N	1763-16440	00000/0000	1-10029/0300	08/25/74	90	639	45.0	141.9		GGG	
09659W 3442N	1813-16240	00000/0000	1-10030/1394	10/14/74	100	1336	39.9	143.6		PGPP	
09659W 3430N	1777-16250	00000/0000	1-10029/0941	09/08/74	30	834	50.0	129.2		GPPP	
09700W 4319N	1941-16280	00000/0000	1-10034/0574	02/19/75	0	3121	27.4	142.5		QFGG	
09700W 4314N	1851-16314	00000/0000	1-10032/0340	11/21/74	40	1866	22.6	154.0		PGGG	
09700W 4313N	1833-16323	00000/0000	1-10031/0882	11/03/74	100	1615	27.4	153.0		GGPP	
09700W 4311N	1815-16330	00000/0000	1-10031/0158	10/16/74	0	1364	33.1	150.0		GPUG	
09700W 4307N	1761-16344	00000/0000	1-10029/0183	08/23/74	10	611	49.7	133.0		GGGG	M
09700W 3859N	1814-16283	00000/0000	1-10030/1487	10/15/74	0	1350	36.5	147.0		GGGG	
09700W 3445N	1939-16191	00000/0000	1-10034/0498	02/17/75	0	3093	32.3	137.5		GGGG	
09700W 3434N	1759-16254	00000/0000	1-10029/0078	08/21/74	0	583	53.9	120.8		GGGG	
09700W 2440N	1937-16104	00000/0000	1-10034/0541	02/15/75	50	3065	37.5	131.1		GGFG	
09700W 2440N	1955-16095	00000/0000	1-10035/0667	03/05/75	60	3316	42.3	125.3		FFFG	
09701W 4320N	1959-16271	00000/0000	1-10035/0927	03/09/75	90	3372	33.7	139.5		FFFG	
09701W 4316N	5085-16203	00000/0000	00000/0000	07/13/75	10	5129	55.2	117.2		FFFG	
09701W 3440N	1831-16233	00000/0000	1-10031/0828	11/01/74	0	1587	34.6	147.8		GGGP	
09701W 3440N	5083-16114	00000/0000	1-10040/0107	07/11/75	30	5101	56.7	102.6		GGFG	
09701W 2438N	1991-16081	00000/0000	00000/0000	04/10/75	90	3818	52.4	110.3		GGGG	
09701W 2434N	1865-16134	00000/0000	1-10032/0846	12/05/74	50	2061	34.2	144.7		GGGG	
09702W 4305N	1779-16335	00000/0000	1-10029/1125	09/10/74	20	862	44.7	139.5		PGPG	
09702W 3444N	1957-16182	00000/0000	1-10035/0809	03/07/75	70	3344	38.0	133.3		FFGG	
09702W 3433N	1741-16262	00000/0000	1-10027/1159	08/03/74	90	332	56.9	112.9		PGGG	
09703W 4311N	1869-16310	00000/0000	1-10032/0973	12/09/74	0	2117	19.4	153.4		FGGP	
09703W 4310N	1923-16285	00000/0000	1-10034/0295	02/01/75	90	2870	22.4	145.6		GFGG	
09703W 4307N	1887-16302	00000/0000	1-10033/0365	12/27/74	20	2368	18.2	151.4		GGGG	
09703W 4304N	1743-16352	00000/0000	1-10027/1090	08/05/74	0	360	53.8	127.0		GGPG	M
09703W 3440N	1975-16173	00000/0000	1-10036/0242	03/25/75	0	3595	44.2	128.4		FGGE	
09703W 3436N	1921-16195	00000/0000	1-10034/0010	01/30/75	90	2842	27.9	141.5		FPFG	
09703W 3435N	1849-16225	00000/0000	1-10032/0417	11/19/74	0	1838	29.9	149.7		PGGG	
09703W 3434N	1867-16221	00000/0000	1-10032/0889	12/07/74	20	2089	26.4	149.7		GFGG	
09703W 2432N	5045-16052	00000/0000	1-10038/0575	06/03/75	60	4571	57.8	86.7		GGGG	
09703W 2431N	5027-16062	00000/0000	1-10038/0060	05/16/75	60	4320	57.6	92.8		FGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS			
LONG	LAT											B	P	P	B
09704W	4314N	1995-16253	00000/0000	1-10037/0198	04/14/75	100	3874	46.8	132.5		GFGG				
09704W	4313N	1977-16262	00000/0000	1-10036/0396	03/27/75	100	3623	40.5	136.2		FFGF				
09704W	3858N	1832-16280	00000/0000	1-10031/0819	11/02/74	90	1601	31.1	150.5		PPP				
09705W	4313N	5067-16213	00000/0000	1-10039/0194	06/25/75	10	4878	56.9	116.4		FGFG			M	
09705W	3903N	1958-16224	00000/0000	1-10035/0755	03/08/75	80	3358	35.9	136.4		GGFG				
09705W	3859N	1940-16233	00000/0000	1-10034/0436	02/18/75	80	3107	29.9	140.0		GGFG				
09705W	3858N	5084-16161	00000/0000	1-10040/0222	07/12/75	20	5115	56.2	109.9		FGGG				
09705W	3856N	1922-16242	00000/0000	1-10035/0225	01/31/75	100	2856	25.2	143.5		GFGG				
09705W	3854N	1850-16272	00000/0000	1-10032/0440	11/20/74	0	1852	26.3	152.0		GGGG			M	
09705W	3851N	1760-16301	00000/0000	1-10029/0058	08/22/74	90	597	52.0	127.2		PGGG				
09705W	3846N	1778-16293	00000/0000	00000/0000	09/09/74	20	848	47.5	134.6		PGGG		M		M
09706W	3438N	5011-16154	00000/0000	1-10038/0157	04/30/75	60	4097	54.7	116.2		GGGG				
09707W	3901N	1976-16215	00000/0000	1-10036/0329	03/26/75	80	3609	42.4	132.5		GGFG				
09707W	3857N	1994-16210	00000/0000	1-10037/0171	04/13/75	100	3860	48.6	127.8		GGFG				
09707W	3852N	1886-16255	00000/0000	1-10033/0383	12/26/74	100	2354	21.5	149.7		GFGG				
09708W	4308N	5013-16243	00000/0000	1-10037/0633	05/02/75	80	4125	52.1	127.9		FGGG				
09708W	4306N	5049-16224	00000/0000	1-10038/0615	06/07/75	40	4627	57.3	118.5		GGGG				
09708W	3857N	5066-16171	00000/0000	1-10039/0183	06/24/75	20	4864	57.8	109.0		FFGG				
09708W	3847N	1742-16305	00000/0000	1-10027/1198	08/04/74	0	346	55.6	120.1		GGGG		M		M
09710W	4304N	5031-16234	00000/0000	1-10038/0250	05/20/75	20	4376	55.7	122.8		FGGG				
09710W	3852N	5012-16201	00000/0000	1-10037/0515	05/01/75	40	4111	53.6	122.1		GGGG				
09710W	2851N	1794-16201	00000/0000	1-10030/0426	09/25/74	90	1071	48.7	130.9		PPPP				
09711W	3851N	5048-16181	00000/0000	1-10038/0598	06/06/75	30	4613	58.2	111.2		GFGG				
09712W	2857N	1812-16200	00000/0000	1-10030/1358	10/13/74	70	1322	44.0	138.6		P P				
09712W	2847N	1776-16210	00000/0000	1-10029/1006	09/07/74	40	820	52.7	121.5		PGPG				
09713W	3849N	5030-16191	00000/0000	1-10038/0227	05/19/75	10	4362	56.9	116.1		FGGG				
09713W	2857N	5082-16074	00000/0000	1-10040/0123	07/10/75	20	5087	56.5	92.9		GGGG				
09713W	2849N	1848-16185	00000/0000	1-10032/0231	11/18/74	60	1824	34.5	146.5		GGGG				
09714W	2856N	1830-16193	00000/0000	1-10031/0729	10/31/74	70	1573	39.0	143.8		PGPP				
09714W	2851N	1758-16214	00000/0000	1-10028/0121	08/20/74	40	569	55.6	111.6		PGGG				
09716W	2852N	1866-16181	00000/0000	1-10032/0866	12/06/74	40	2075	30.9	147.0		GGGG				
09716W	2849N	1740-16222	00000/0000	1-10027/1115	08/02/74	50	318	57.8	102.7		GGPP				
09717W	2859N	1956-16142	00000/0000	1-10035/0777	03/06/75	80	3330	40.7	128.7		FGGG				
09717W	2857N	1938-16150	00000/0000	1-10034/0342	02/16/75	60	3079	35.4	133.9		GFGG				
09717W	2848N	1884-16172	00000/0000	1-10033/0299	12/24/74	90	2326	29.0	145.4		FPGF				

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D			
LONG	LAT		RBV	MSS										
09719W	4608N	1834-16372	00000/0000	1-10031/0984	11/04/74	30	1629	24.8	154.6		PPGG			
09719W	3308N	1795-16244	00000/0000	1-10030/0715	09/26/74	70	1085	46.1	135.8		GGGG			
09719W	2850N	5028-16104	00000/0000	1-10038/0217	05/17/75	10	4334	58.0	99.7		FGGF			
09720W	4604N	1852-16364	00000/0000	1-10032/0939	11/22/74	40	1880	20.1	155.4		FGGF			
09720W	4603N	1816-16380	00000/0000	1-10030/1582	10/17/74	70	1378	30.6	152.1		PGPG			
09720W	2853N	1974-16133	00000/0000	1-10036/0292	03/24/75	0	3581	46.4	122.7		FGGG			
09721W	4613N	1960-16320	00000/0000	1-10035/1009	03/10/75	20	3386	32.3	141.5		FFFG			
09721W	4559N	1744-16401	00000/0000	1-10027/1326	08/06/74	0	374	52.3	131.4		GGGG	M		M
09722W	4600N	1870-16355	00000/0000	1-10032/0639	12/10/74	30	2131	17.0	154.5		GFG			
09722W	4557N	1762-16393	00000/0000	1-10029/0275	08/24/74	40	625	47.8	136.8		GGGG	M		
09723W	4605N	5086-16252	00000/0000	1-10040/0140	07/14/75	0	5143	54.2	121.9		FFGG			
09723W	4557N	1888-16351	00000/0000	1-10033/0390	12/28/74	60	2382	16.0	152.5		FFGG			
09724W	4606N	1996-16302	00000/0000	1-10037/0231	04/15/75	90	3888	45.7	135.6		FFFF			
09724W	3305N	1777-16253	00000/0000	1-10029/0942	09/08/74	30	834	50.7	127.5		GGPP			
09725W	4141N	1797-16333	00000/0000	1-10030/0733	09/28/74	10	1113	40.1	144.2		GGPG			
09725W	3727N	1796-16290	00000/0000	1-10030/0761	09/27/74	100	1099	43.2	140.2		GGGG			
09725W	3316N	1813-16243	00000/0000	1-10030/1395	10/14/74	100	1336	40.9	142.5		GPP			
09725W	3308N	1759-16261	00000/0000	1-10029/0079	08/21/74	0	583	54.3	118.7		GGGG			
09726W	4605N	1978-16311	00000/0000	1-10037/0049	03/28/75	90	3637	39.2	138.7		GFFG			
09726W	4602N	5068-16263	00000/0000	1-10039/0278	06/26/75	60	4892	56.1	121.2		FFFG			
09726W	3318N	1939-16193	00000/0000	1-10034/0499	02/17/75	0	3093	33.1	136.6		GGGG			
09726W	3314N	5083-16120	00000/0000	1-10040/0108	07/11/75	20	5101	56.7	100.2		GFFG			
09727W	4600N	5050-16273	00000/0000	1-10039/0038	06/08/75	100	4641	56.4	123.2		FFFF			
09727W	3314N	1831-16240	00000/0000	1-10031/0829	11/01/74	10	1587	35.7	146.9		GGGG			
09728W	4600N	5014-16292	00000/0000	1-10038/0185	05/03/75	20	4139	51.1	131.6		FGGG			
09728W	3734N	1814-16290	00000/0000	1-10030/1488	10/15/74	0	1350	37.6	146.0		GGGG			
09728W	3318N	1957-16184	00000/0000	1-10035/0810	07/07/75	30	3344	38.8	132.1		GGGG			
09728W	3310N	1849-16232	00000/0000	1-10032/0418	11/19/74	0	1838	31.0	149.0		PGGG			
09728W	3308N	1741-16265	00000/0000	1-10027/1160	08/03/74	50	332	57.2	110.5		GGGG			
09729W	3313N	1975-16175	00000/0000	1-10036/0243	03/25/75	0	3595	44.9	127.0		FGGF			
09729W	3310N	1921-16202	00000/0000	1-10034/0011	01/30/75	90	2842	28.8	140.7		FFFF			
09729W	3308N	1867-16223	00000/0000	1-10032/0890	12/07/74	0	2089	27.5	149.0		GGG			
09731W	4153N	1941-16282	00000/0000	1-10034/0575	02/19/75	0	3121	28.4	141.6		GGGG			
09731W	4148N	1833-16325	00000/0000	1-10031/0883	11/03/74	90	1615	28.6	152.2		PGGP			
09731W	4148N	1851-16321	00000/0000	1-10032/0341	11/21/74	0	1866	23.8	153.4		PGGG			

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STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09731W 4146N	1815-16333	00000/0000	1-10031/0159	10/16/74	10	1364	34.2	149.1		GP GG	
09731W 4141N	1761-16350	00000/0000	1-10029/0184	08/23/74	10	611	50.4	131.3		GG GG	
09732W 4855N	1817-16425	00000/0000	1-10030/1663	10/18/74	70	1392	28.0	154.1		PG GG	
09732W 4155N	1959-16273	00000/0000	1-10035/0928	03/09/75	100	3372	34.6	138.4		FF GG	
09732W 4151N	5085-16210	00000/0000	00000/0000	07/13/75	10	5129	55.5	114.9		FF FG	
09732W 3732N	1832-16283	00000/0000	1-10031/0820	11/02/74	90	1601	32.2	149.6		PP PP	
09732W 3725N	1760-16304	00000/0000	1-10029/0059	08/22/74	80	597	52.6	125.2		PG GG	
09732W 3312N	5011-16160	00000/0000	1-10038/0158	04/30/75	60	4097	55.1	114.0		GG GG	
09733W 4145N	1923-16291	00000/0000	1-10034/0296	02/01/75	100	2870	23.4	144.8		GG GF	
09733W 4140N	1779-16342	00000/0000	1-10029/1126	09/10/74	10	862	45.6	138.0		GG PG	
09733W 4138N	1743-16354	00000/0000	1-10027/1091	08/05/74	70	360	54.4	124.9		GG PG	
09733W 3737N	1958-16231	00000/0000	1-10035/0756	03/08/75	70	3358	36.8	135.3		GG FG	
09733W 3734N	1940-16240	00000/0000	1-10034/0437	02/18/75	10	3107	30.8	139.1		GG GG	
09733W 3732N	5084-16163	00000/0000	1-10040/0223	07/12/75	10	5115	56.4	107.5		FG GG	
09733W 3730N	1922-16245	00000/0000	1-10035/0226	01/31/75	100	2856	26.1	142.8		FF FF	
09733W 3729N	1850-16274	00000/0000	1-10032/0441	11/20/74	0	1852	27.4	151.3		GG GG	
09733W 3721N	1778-16295	00000/0000	00000/0000	09/09/74	20	848	48.3	133.0		GG PG	
09733W 3308N	5029-16151	00000/0000	1-10038/0049	05/18/75	30	4348	57.8	106.8		FG GG	
09733W 2725N	1794-16204	00000/0000	1-10030/0630	09/25/74	90	1071	49.5	129.3		PP PP	
09734W 4857N	1835-16421	00000/0000	00000/0000	11/05/74	90	1643	22.2	156.2		PG PP	
09734W 4845N	1781-16434	00000/0000	1-10029/1148	09/12/74	90	890	40.4	145.6		GG GG	
09734W 4146N	1869-16313	00000/0000	1-10032/0974	12/09/74	0	2117	20.5	152.8		FG FF	
09734W 4142N	1887-16304	00000/0000	1-10033/0366	12/27/74	20	2368	19.3	150.8		FF GG	
09735W 4901N	1961-16365	00000/0000	1-10035/0856	03/11/75	30	3400	30.8	143.5		P GF	
09735W 4859N	5087-16301	00000/0000	1-10040/0154	07/15/75	0	5157	53.0	126.4		FF GG	
09735W 4149N	1995-16255	00000/0000	1-10037/0199	04/14/75	100	3874	47.6	130.9		GF GF	
09735W 4147N	1977-16265	00000/0000	1-10036/0397	03/27/75	100	3623	41.3	134.9		GF GF	
09735W 3731N	1994-16212	00000/0000	1-10037/0172	04/13/75	100	3860	49.2	126.0		GG GG	
09735W 3726N	1886-16262	00000/0000	1-10033/0384	12/26/74	100	2354	22.6	149.1		FF FF	
09735W 2731N	1812-16202	00000/0000	1-10030/1397	10/13/74	50	1322	44.9	137.3		PP PP	
09736W 4147N	5067-16220	00000/0000	1-10039/0195	06/25/75	30	4878	57.3	113.9		GG GG	
09736W 3734N	1976-16222	00000/0000	1-10036/0330	03/26/75	70	3609	43.2	131.1		GF FG	
09736W 3732N	5066-16173	00000/0000	1-10039/0184	06/24/75	30	4864	58.0	106.4		GF GG	
09736W 3721N	1742-16312	00000/0000	1-10027/1199	08/04/74	0	346	56.1	117.8		GP GG	
09736W 2721N	1776-16212	00000/0000	1-10029/1007	09/07/74	30	820	53.2	119.5		PP GG	

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 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09737W	4851N	1925-16383	00000/0000	1-10034/0083	02/03/75	100	2898	18.9	148.2		FFGF				
09737W	4845N	1763-16442	00000/0000	1-10029/0367	08/25/74	40	639	45.9	140.4		PPPG			M	
09737W	2731N	5082-16080	00000/0000	1-10040/0124	07/10/75	10	5087	56.3	90.6		GGFG				
09737W	2729N	1830-16200	00000/0000	1-10031/0730	10/31/74	60	1573	40.0	142.8		PPPP				
09737W	2724N	1758-16221	00000/0000	1-10028/0122	08/20/74	10	569	55.9	109.4		PGPG				
09737W	2723N	1848-16192	00000/0000	1-10032/0232	11/18/74	90	1824	35.5	145.7		GGPG				
09738W	4850N	1745-16450	00000/0000	1-10027/1364	08/07/74	0	388	50.6	135.6		GGGG			M	
09738W	4850N	1871-16405	00000/0000	1-10032/0998	12/11/74	70	2145	14.6	155.7		P P				
09738W	4846N	1889-16400	00000/0000	1-10033/0449	12/29/74	0	2396	13.8	153.6		PGFG				
09738W	3727N	5012-16203	00000/0000	1-10037/0516	05/01/75	40	4111	54.1	120.0		FGGG				
09739W	4854N	1943-16374	00000/0000	1-10034/0564	02/21/75	60	3149	24.4	145.6		FF G				
09739W	4143N	5013-16250	00000/0000	1-10037/0634	05/02/75	90	4125	52.8	125.9		FGGG				
09739W	4141N	5049-16230	00000/0000	1-10038/0616	06/07/75	10	4627	57.6	116.0		GGFG				
09739W	2726N	1866-16183	00000/0000	1-10032/0867	12/06/74	50	2075	31.9	146.2		GGPG				
09739W	2722N	1740-16225	00000/0000	1-10027/1116	08/02/74	20	318	57.8	100.3		GGGG				
09740W	4138N	5031-16240	00000/0000	1-10038/0251	05/20/75	10	4376	56.2	120.5		FFGG				
09740W	3725N	5048-16184	00000/0000	1-10038/0599	06/06/75	20	4613	58.4	108.6		GGFF				
09740W	2733N	1956-16144	00000/0000	1-10035/0778	03/06/75	60	3330	41.3	127.5		GGGG				
09741W	4851N	5069-16312	00000/0000	1-10039/0246	06/27/75	0	4906	55.0	125.8		FGFG				
09741W	2730N	1938-16153	00000/0000	1-10034/0343	02/16/75	80	3079	36.2	132.9		GGFG				
09742W	4854N	1979-16360	00000/0000	1-10036/0462	03/29/75	20	3651	37.9	141.1		FGGG				
09743W	4849N	5015-16341	00000/0000	1-10037/0554	05/04/75	50	4153	49.9	135.2		GGFG				
09743W	2724N	5028-16111	00000/0000	1-10038/0218	05/17/75	10	4334	57.9	97.2		FGGE				
09744W	2726N	1974-16135	00000/0000	1-10036/0293	03/24/75	10	3581	46.9	121.1		FGFG				
09745W	3142N	1795-16250	00000/0000	1-10030/0716	09/26/74	60	1085	46.9	134.3		GGGG				
09750W	3150N	1813-16245	00000/0000	1-10030/1396	10/14/74	90	1336	41.9	141.4		PGPR				
09750W	3143N	1759-16263	00000/0000	1-10029/0080	08/21/74	0	583	54.8	116.5		GGGG				M
09750W	3140N	1777-16255	00000/0000	1-10029/0943	09/08/74	20	834	51.3	125.7		GGPP				
09751W	3148N	5083-16123	00000/0000	1-10040/0109	07/11/75	40	5101	56.7	97.8		GGFG				
09752W	3601N	1796-16293	00000/0000	1-10030/0762	09/27/74	60	1099	44.1	138.9		GGGG				
09752W	3152N	1939-16200	00000/0000	1-10034/0500	02/17/75	20	3093	34.0	135.6		GGGG				
09753W	4442N	1834-16374	00000/0000	1-10031/0985	11/04/74	80	1629	26.0	153.9		PGPP				
09753W	4432N	1780-16391	00000/0000	1-10030/0017	09/11/74	50	876	43.5	141.3		PGPG				
09753W	3147N	1831-16242	00000/0000	1-10031/0830	11/01/74	30	1587	36.7	146.0		PGPG				
09753W	3144N	1849-16234	00000/0000	1-10032/0419	11/19/74	10	1838	32.1	148.2		PGGG				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BLANK NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION		ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS			
LONG	LAT		RBV	MSS									B	P	P	B
09753W	3142N	1741-16271	00000/0000	1-10027/1161	08/03/74	30	332	57.4	108.1							
09754W	4439N	1852-16370	00000/0000	1-10032/0395	11/22/74	10	1880	21.3	154.7							
09754W	4438N	1816-16382	00000/0000	1-10030/1583	10/17/74	10	1378	31.7	151.2							
09754W	4433N	1744-16403	00000/0000	1-10027/1327	08/06/74	10	374	52.9	129.4							
09754W	3152N	1957-16191	00000/0000	1-10035/0811	03/07/75	10	3344	39.5	130.9							
09754W	3144N	1921-16204	00000/0000	1-10034/0012	01/30/75	90	2842	29.7	139.9							
09755W	4448N	1960-16323	00000/0000	1-10035/1010	03/10/75	30	3386	33.2	140.4							
09755W	4436N	1870-16362	00000/0000	1-10032/0640	12/10/74	0	2131	18.2	153.9							
09755W	4432N	1762-16395	00000/0000	1-10029/0276	08/24/74	20	625	48.6	135.1							
09755W	3147N	1975-16182	00000/0000	1-10036/0244	03/25/75	10	3595	45.5	125.5							
09755W	3143N	1867-16230	00000/0000	1-10032/0891	12/07/74	0	2089	28.6	148.4							
09756W	4439N	5086-16255	00000/0000	1-10040/0141	07/14/75	0	5143	54.6	119.6							
09756W	4016N	1797-16340	00000/0000	1-10030/0734	09/28/74	10	1113	41.0	143.0							
09756W	3608N	1814-16292	00000/0000	1-10030/1489	10/15/74	0	1350	38.6	145.0							
09756W	2600N	1794-16210	00000/0000	1-10030/0631	09/25/74	80	1071	50.2	127.6							
09757W	4432N	1888-16354	00000/0000	1-10033/0391	12/28/74	40	2382	17.1	151.9							
09757W	3147N	5011-16163	00000/0000	1-10038/0159	04/30/75	70	4097	55.4	111.8							
09758W	4441N	1996-16304	00000/0000	1-10037/0232	04/15/75	100	3888	46.4	134.0							
09758W	3142N	5029-16153	00000/0000	1-10038/0050	05/18/75	50	4348	58.0	104.3							
09759W	4439N	1978-16314	00000/0000	1-10037/0050	03/28/75	90	3637	40.0	137.4							
09759W	3559N	1760-16310	00000/0000	1-10029/0060	08/22/74	30	597	53.1	123.3							
09759W	2604N	1812-16205	00000/0000	1-10030/1398	10/13/74	40	1322	45.8	136.0							
09800W	4436N	5068-16265	00000/0000	1-10039/0279	06/26/75	10	4892	56.5	118.8							
09800W	4015N	1761-16353	00000/0000	1-10029/0185	08/23/74	30	611	51.1	129.4							
09800W	3607N	5084-16170	00000/0000	1-10040/0224	07/12/75	0	5115	56.5	105.1							
09800W	3606N	1832-16285	00000/0000	1-10031/0949	11/02/74	100	1601	33.3	148.8							
09800W	3604N	1922-16251	00000/0000	1-10035/0227	01/31/75	100	2856	27.1	142.0							
09800W	3603N	1850-16281	00000/0000	1-10032/0442	11/20/74	0	1852	28.5	150.5							
09800W	3555N	1778-16302	00000/0000	00000/0000	09/09/74	20	848	49.1	131.4							
09800W	2605N	5082-16083	00000/0000	1-10040/0125	07/10/75	10	5087	56.0	88.3							
09800W	2557N	1758-16223	00000/0000	1-10028/0123	08/20/74	10	569	56.1	107.1							
09800W	2556N	1848-16194	00000/0000	1-10032/0233	11/18/74	90	1824	36.6	144.8							
09800W	2555N	1776-16215	00000/0000	1-10029/1008	09/07/74	20	820	53.6	117.5							
09801W	4436N	5050-16275	00000/0000	1-10039/0039	06/08/75	100	4641	56.8	120.8							
09801W	4435N	5014-16295	00000/0000	1-10038/0186	05/03/75	10	4139	51.7	129.7							

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09801W 4027N	1941-16285	00000/0000	1-10034/0576	07/19/75	0	3121	29.3	140.8		GF GG	
09801W 4025N	5085-16212	00000/0000	00000/0000	07/13/75	10	5129	55.8	112.5		FG FG	
09801W 4023N	1833-16332	00000/0000	1-10031/0884	11/03/74	80	1615	29.7	151.4		GG GG	
09801W 4021N	1815-16335	00000/0000	1-10031/0160	10/16/74	30	1364	35.2	148.2		PP GG	
09801W 3610N	1958-16233	00000/0000	1-10035/0746	03/08/75	70	3358	37.6	134.2		G F G	
09801W 3609N	1940-16242	00000/0000	1-10034/0438	02/18/75	20	3107	31.7	138.2		GG GG	
09801W 2602N	1830-16202	00000/0000	1-10031/0731	10/31/74	70	1573	41.0	141.8		PG PP	
09802W 4029N	1959-16280	00000/0000	1-10035/0929	03/09/75	100	3372	35.4	137.4		FF GG	
09802W 4023N	1851-16323	00000/0000	1-10032/0342	11/21/74	0	1866	24.9	152.7		PP GG	
09802W 4020N	1923-16294	00000/0000	1-10034/0297	02/01/75	100	2870	24.4	144.1		GG GG	
09802W 3601N	1886-16264	00000/0000	1-10033/0385	12/26/74	100	2354	23.6	148.5		GG PG	
09802W 2556N	1740-16231	00000/0000	1-10027/1117	08/02/74	10	318	57.8	97.8		GG GG	
09803W 4015N	1779-16344	00000/0000	1-10029/1127	09/10/74	10	862	46.4	136.5		PG GG	
09803W 4012N	1743-16361	00000/0000	1-10027/1092	08/05/74	100	360	54.9	122.7		GG GG	
09803W 3609N	1976-16224	00000/0000	1-10036/0331	03/26/75	70	3609	43.9	129.6		GG FG	
09803W 3606N	1994-16215	00000/0000	1-10037/0173	04/13/75	100	3860	49.8	124.3		PG FG	
09803W 2559N	1866-16190	00000/0000	1-10032/0868	12/06/74	70	2075	33.0	145.4		GP GG	
09804W 4020N	1869-16315	00000/0000	1-10032/0975	12/09/74	0	2117	21.7	152.2		FG FF	
09804W 4017N	1887-16311	00000/0000	1-10033/0367	12/27/74	20	2368	20.4	150.2		FF GG	
09804W 3556N	1742-16314	00000/0000	1-10027/1200	08/04/74	60	346	56.4	115.5		GG GG	
09804W 2606N	1956-16151	00000/0000	1-10035/0779	03/06/75	70	3330	42.0	126.2		GG GG	
09804W 2606N	1992-16132	00000/0000	1-10037/0146	04/11/75	10	3832	52.4	111.9		FF FG	
09804W 2604N	1938-16155	00000/0000	1-10034/0344	02/16/75	50	3079	37.0	131.8		GF GG	
09805W 4023N	1995-16262	00000/0000	1-10037/0200	04/14/75	90	3874	48.3	129.2		FG GG	
09805W 4022N	5067-16222	00000/0000	1-10039/0196	06/25/75	30	4878	57.5	111.4		FG FF	
09807W 3600N	5048-16190	00000/0000	1-10038/0600	06/06/75	10	4613	58.6	106.0		GG GG	M
09807W 2559N	1974-16142	00000/0000	1-10036/0294	03/24/75	10	3581	47.5	119.5		GG GG	
09807W 2559N	5046-16103	00000/0000	1-10039/0028	06/04/75	40	4585	58.0	88.8		GF FG	
09807W 2558N	5028-16113	00000/0000	1-10038/0219	05/17/75	40	4334	57.8	94.8		FG FF	
09809W 4729N	1817-16431	00000/0000	1-10030/1664	10/18/74	50	1392	29.1	153.2		GG GG	
09809W 4720N	1781-16440	00000/0000	1-10029/1149	09/12/74	90	890	41.3	144.3		GG GG	
09809W 4015N	5049-16233	00000/0000	1-10038/0617	06/07/75	10	4627	58.0	113.5		GG FF	
09810W 4013N	5031-16243	00000/0000	1-10038/0252	05/20/75	0	4376	56.6	118.2		GG GG	
09810W 3015N	1795-16253	00000/0000	1-10030/0717	09/26/74	40	1085	47.7	132.9		GG GG	
09811W 4734N	5087-16304	00000/0000	1-10040/0155	07/15/75	0	5157	53.5	124.3		FF FG	

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ERTS-1
 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											RBV	MSS	B	P	P
09811W	4732N	1835-16424	00000/0000	00000/0000	11/05/74	90	1643	23.4	155.4		PHP					
09812W	4736N	1961-16372	00000/0000	1-10035/0858	03/11/75	70	3400	31.8	142.4		PPFF					
09814W	4726N	1925-16390	00000/0000	1-10034/0084	02/03/75	100	2898	19.9	147.4		FFFF					
09814W	4725N	1745-16453	00000/0000	1-10027/1365	08/07/74	0	388	51.3	133.7		GGGG		M		M	
09814W	4725N	1871-16411	00000/0000	1-10032/0999	12/11/74	0	2145	15.8	155.1		P F					
09814W	4722N	1763-16445	00000/0000	1-10029/0368	08/25/74	30	639	46.7	138.8		PGGG		M			
09814W	3014N	1777-16262	00000/0000	1-10029/0944	09/08/74	0	834	51.9	123.9		GGPP					
09815W	4728N	1943-16381	00000/0000	1-10034/0565	02/21/75	100	3149	25.3	144.8		GGGG					
09815W	4721N	1889-16403	00000/0000	1-10033/0450	12/29/74	0	2396	14.9	153.0		GGGG					
09815W	3024N	1813-16252	00000/0000	1-10030/1447	10/14/74	80	1336	42.8	140.2		GGGG					
09815W	3022N	5083-16125	00000/0000	1-10040/0045	07/11/75	60	5101	56.6	95.4		FGGG					
09815W	3018N	1759-16270	00000/0000	1-10029/0081	08/21/74	20	583	55.1	114.4		GGGG					
09817W	4727N	5069-16314	00000/0000	1-10039/0247	06/27/75	0	4906	55.5	123.5		GGGG					
09817W	3026N	1939-16202	00000/0000	1-10034/0501	02/17/75	50	3093	34.8	134.7		GGGG					
09817W	3016N	1741-16274	00000/0000	1-10027/1162	08/03/74	40	332	57.6	105.6		PGGG					
09818W	3021N	1831-16245	00000/0000	1-10031/0831	11/01/74	70	1587	37.7	145.0		GPPG					
09818W	3018N	1849-16241	00000/0000	1-10032/0420	11/19/74	80	1838	33.2	147.4		PPGG					
09819W	4729N	1979-16363	00000/0000	1-10036/0463	03/29/75	50	3651	38.7	139.8		FGGG					
09819W	3435N	1796-16295	00000/0000	1-10030/0763	09/27/74	0	1099	45.0	137.6		GGGG					
09819W	3025N	1957-16193	00000/0000	1-10035/0812	03/07/75	10	3344	40.3	129.7		GGGG					
09819W	3020N	1975-16184	00000/0000	1-10036/0245	03/25/75	10	3595	46.1	123.9		FGGF					
09819W	3018N	1921-16211	00000/0000	1-10034/0013	01/30/75	90	2842	30.7	139.1		FGFG					
09819W	3017N	1867-16232	00000/0000	1-10032/0892	12/07/74	0	2089	29.7	147.6		GGGG					
09820W	4724N	5015-16344	00000/0000	1-10037/0555	05/04/75	40	4153	50.6	133.3		FGFG					
09821W	5009N	1782-16485	00000/0000	1-10029/1247	09/13/74	10	904	39.1	147.1		GGGP					
09821W	3021N	5011-16165	00000/0000	1-10038/0160	04/30/75	70	4097	55.7	109.5		FFGG					
09823W	3442N	1814-16295	00000/0000	1-10030/1490	10/15/74	0	1350	39.6	143.9		GGGG				M	
09825W	4308N	1744-16410	00000/0000	1-10027/1328	08/06/74	20	374	53.6	127.4		GGGG					
09825W	4307N	1780-16394	00000/0000	1-10030/0018	09/11/74	80	876	44.4	139.9		PGPG					
09825W	3850N	1797-16342	00000/0000	1-10030/0735	09/28/74	20	1113	42.0	141.8		GGPG		M		M	
09825W	3434N	1760-16313	00000/0000	1-10029/0061	08/22/74	30	597	53.7	121.2		GGP					
09826W	5009N	1764-16494	00000/0000	1-10029/0348	08/26/74	40	653	44.7	142.2		GPPP		M			
09826W	4316N	1834-16381	00000/0000	1-10031/0986	11/04/74	60	1629	27.1	153.1		PPPP					
09826W	3441N	5084-16172	00000/0000	1-10040/0225	07/12/75	10	5115	56.6	102.7		FGGF					
09826W	3429N	1778-16304	00000/0000	00000/0000	09/09/74	40	848	49.8	129.7		PGPG					

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03:20 SEP 30, '75

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0493

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09827W 4322N	1960-16325	00000/0000 1-10035/1011	03/10/75	70	3386	34.1	139.4		FFFG	
09827W 4313N	1816-16385	00000/0000 1-10030/1584	10/17/74	0	1378	32.8	150.3		PGGG	
09827W 4313N	1852-16373	00000/0000 1-10032/0396	11/22/74	0	1880	22.4	154.0		PPGG	
09827W 4306N	1762-16402	00000/0000 1-10029/0277	08/24/74	20	625	49.4	133.4		GGGG	
09827W 3440N	1832-16292	00000/0000 1-10031/0950	11/02/74	90	1601	34.3	147.9		PPPG	
09827W 3438N	1922-16254	00000/0000 1-10035/0228	01/31/75	100	2856	28.0	141.3		GGGG	
09828W 4314N	5086-16261	00000/0000 1-10040/0142	07/14/75	0	5143	55.0	117.3		FFFF	
09828W 4310N	1870-16364	00000/0000 1-10032/0641	12/10/74	0	2131	19.3	153.3		GGG	
09828W 3850N	1761-16355	00000/0000 1-10029/0186	08/23/74	40	611	51.7	127.6		GGGG	M
09828W 3444N	1958-16240	00000/0000 1-10035/0747	03/08/75	30	3358	38.4	133.0		G FF	M
09828W 3443N	1940-16245	00000/0000 1-10034/0508	02/18/75	20	3107	32.6	137.3		FFFG	
09828W 3437N	1850-16283	00000/0000 1-10032/0443	11/20/74	0	1852	29.7	149.8		GP GG	
09829W 4307N	1888-16360	00000/0000 1-10033/0392	12/28/74	20	2382	18.2	151.3		FGFP	
09829W 3442N	1976-16231	00000/0000 1-10036/0332	03/26/75	100	3609	44.6	128.2		GGFG	
09829W 3440N	1994-16221	00000/0000 1-10037/0174	04/13/75	100	3860	50.4	122.4		FGPG	
09829W 3435N	1886-16271	00000/0000 1-10033/0386	12/26/74	100	2354	24.7	147.9		PGG	
09830W 4315N	1996-16311	00000/0000 1-10037/0233	04/15/75	90	3888	47.2	132.3		FGGF	
09830W 3902N	1941-16291	00000/0000 1-10034/0577	02/19/75	0	3121	30.2	139.9		GGGF	M
09830W 3858N	5085-16215	00000/0000 00000/0000	07/13/75	60	5129	56.1	110.2		FFFG	
09830W 3857N	1833-16334	00000/0000 1-10031/0918	11/03/74	100	1615	30.8	150.6		PP	
09831W 4314N	1978-16320	00000/0000 1-10037/0051	03/28/75	60	3637	40.8	136.1		FGFG	
09831W 3857N	1851-16330	00000/0000 1-10032/0343	11/21/74	0	1866	26.0	152.0		PGGG	M
09831W 3855N	1815-16342	00000/0000 1-10031/0161	10/16/74	20	1364	36.3	147.2		GPPG	
09831W 3855N	1923-16300	00000/0000 1-10034/0298	02/01/75	100	2870	25.4	143.3		GGGG	
09831W 3430N	1742-16321	00000/0000 1-10027/1201	08/04/74	80	346	56.8	113.2		GGGG	
09832W 4311N	5068-16272	00000/0000 1-10039/0280	06/26/75	10	4892	56.9	116.3		FFGG	
09832W 4310N	5050-16282	00000/0000 1-10039/0040	06/08/75	100	4641	57.3	118.4		FFFF	
09832W 3903N	1959-16282	00000/0000 1-10035/0930	03/09/75	100	3372	36.3	136.2		FFFF	
09832W 3849N	1779-16351	00000/0000 1-10029/1128	09/10/74	30	862	47.2	135.0		GGGG	M
09832W 3848N	1743-16363	00000/0000 1-10027/1093	08/05/74	80	360	55.4	120.5		GGGG	
09833W 4310N	5014-16301	00000/0000 1-10038/0187	05/03/75	10	4139	52.4	127.7		GGGG	
09833W 3854N	1869-16322	00000/0000 1-10032/0976	12/09/74	0	2117	22.8	151.5		FFFF	M
09833W 3852N	1887-16313	00000/0000 1-10033/0368	12/27/74	20	2368	21.5	149.6		FFGG	M
09834W 3858N	1995-16264	00000/0000 1-10037/0201	04/14/75	80	3874	48.9	127.5		GGGF	
09834W 3857N	5067-16225	00000/0000 1-10039/0197	06/25/75	20	4878	57.8	108.9		FGGF	M

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
09834W	3434N	5048-16193	00000/0000	1-10038/0601	06/06/75	0	4613	58.7	103.5		FGGG					
09834W	2849N	1795-16255	00000/0000	1-10030/0718	09/26/74	20	1085	48.5	131.3		GGGG					
09835W	4303N	5032-16292	00000/0000	1-10038/0289	05/21/75	40	4390	55.9	122.5		FGG					
09835W	3856N	1977-16274	00000/0000	1-10036/0398	03/27/75	40	3623	42.8	132.2		GGGG					
09837W	3852N	5013-16255	00000/0000	1-10037/0635	05/02/75	60	4125	53.8	121.8		FGGG					
09838W	3849N	5049-16235	00000/0000	1-10038/0618	06/07/75	10	4627	58.2	110.9		GFFG				M	
09838W	2847N	1777-16264	00000/0000	1-10029/0945	09/08/74	0	834	52.5	122.0		GGPP					
09839W	3848N	5031-16245	00000/0000	1-10038/0253	05/20/75	30	4376	57.0	115.8		GGGG				M	
09839W	2859N	1813-16254	00000/0000	1-10030/1448	10/14/74	70	1336	43.7	139.0		GGGG					
09839W	2856N	5083-16192	00000/0000	1-10040/0046	07/11/75	70	5101	56.4	93.1		GGGG					
09839W	2852N	1759-16272	00000/0000	1-10029/0082	08/21/74	30	583	55.5	112.2		GGGG					
09840W	2849N	1741-16280	00000/0000	1-10027/1174	08/03/74	30	332	57.7	103.2		GG					
09842W	2900N	1939-16205	00000/0000	1-10034/0502	02/17/75	70	3093	35.6	133.7		FGFG					
09842W	2856N	1831-16251	00000/0000	1-10031/0832	11/01/74	80	1587	38.8	144.0		GGPG					
09842W	2851N	1849-16243	00000/0000	1-10032/0421	11/19/74	80	1838	34.2	146.6		GGPP					
09843W	2859N	1957-16200	00000/0000	1-10035/0813	03/07/75	40	3344	41.0	128.5		GGGG					
09843W	2852N	1921-16213	00000/0000	1-10034/0014	01/30/75	80	2842	31.6	138.2		GGFG					
09843W	2851N	1867-16235	00000/0000	1-10032/0893	12/07/74	0	2089	30.7	146.9		GGGG					
09844W	4604N	1817-16434	00000/0000	1-10030/1665	10/18/74	50	1392	30.3	152.3		PGGG					
09844W	4554N	1781-16443	00000/0000	1-10029/1150	09/12/74	90	890	42.3	142.9		GGGG					
09844W	2855N	1975-16191	00000/0000	1-10036/0246	03/25/75	0	3595	46.7	122.4		GGGF					
09845W	3310N	1796-16302	00000/0000	1-10030/0764	09/27/74	0	1099	45.8	136.2		GGGG					
09845W	2854N	5011-16172	00000/0000	1-10038/0161	04/30/75	50	4097	55.9	107.2		GGFG					
09846W	4907N	1800-16483	00000/0000	1-10030/0876	10/01/74	40	1155	33.7	150.8		GGGG					
09846W	4606N	1835-16430	00000/0000	00000/0000	11/05/74	100	1643	24.5	154.7		PGGP					
09847W	4611N	1961-16374	00000/0000	1-10035/0859	03/11/75	90	3400	32.7	141.3		PPFF					
09847W	4609N	5087-16310	00000/0000	1-10040/0156	07/15/75	0	5157	54.0	122.0		FGGG					
09849W	4603N	1943-16383	00000/0000	1-10034/0566	02/21/75	100	3149	26.3	143.9		GGG					
09849W	4600N	1871-16414	00000/0000	1-10032/1000	12/11/74	0	2145	16.9	154.5		GF					
09849W	4559N	1745-16455	00000/0000	1-10027/1366	08/07/74	0	388	52.0	131.7		GGGG					
09849W	4557N	1763-16451	00000/0000	1-10029/0369	08/25/74	30	639	47.6	137.1		GGGG					
09849W	3316N	1814-16301	00000/0000	1-10030/1491	10/15/74	0	1350	40.6	142.8		GGGG				M	
09850W	4556N	1889-16405	00000/0000	1-10033/0451	12/29/74	60	2396	16.0	152.3		FGGG					
09851W	3308N	1760-16315	00000/0000	1-10029/0150	08/22/74	20	597	54.2	119.2		GGGG					
09851W	3303N	1778-16311	00000/0000	00000/0000	09/09/74	50	848	50.5	128.0		PGPP					

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
09852W	4602N	5069-16321	00000/0000	1-10039/0248	06/27/75	10	4906	56.0	121.1		FFGG					
09852W	3315N	5084-16175	00000/0000	1-10040/0226	07/12/75	30	5115	56.6	100.3		GGGG					
09853W	4602N	1979-16365	00000/0000	1-10036/0464	03/29/75	90	3651	39.6	138.5		FGGG					
09853W	3724N	1797-16345	00000/0000	1-10030/0736	09/28/74	30	1113	42.9	140.6		GGPG					
09853W	3314N	1832-16294	00000/0000	1-10031/0951	11/02/74	50	1601	35.4	147.1		PPPG					
09853W	3312N	1922-16260	00000/0000	1-10035/0229	01/31/75	100	2856	29.0	140.5		GGGG					
09854W	4559N	5015-16350	00000/0000	1-10037/0556	05/04/75	10	4153	51.3	131.4		GGGG					
09854W	3318N	1958-16242	00000/0000	1-10035/0757	03/08/75	40	3358	39.1	131.8		FGFG					
09854W	3317N	1940-16251	00000/0000	1-10034/0509	02/18/75	20	3107	33.4	136.3		FGFF					
09854W	3310N	1850-16290	00000/0000	1-10032/0444	11/20/74	0	1852	30.7	149.1		GGGG					
09854W	3310N	1886-16273	00000/0000	1-10033/0387	12/26/74	100	2354	25.8	147.2		FFFF					
09855W	3316N	1976-16233	00000/0000	1-10036/0333	03/26/75	90	3609	45.2	126.7		FGFG					
09855W	3314N	1994-16224	00000/0000	1-10037/0175	04/13/75	90	3860	50.9	120.6		GGGF					
09856W	4143N	1744-16412	00000/0000	1-10027/1329	08/06/74	40	374	54.2	125.3		GGGG					
09856W	4142N	1780-16400	00000/0000	1-10030/0036	09/11/74	100	876	45.3	138.4		GGPP					
09856W	3304N	1742-16323	00000/0000	1-10027/1202	08/04/74	80	346	57.1	110.8		GGGG					
09857W	4151N	1834-16383	00000/0000	1-10031/0987	11/04/74	20	1629	28.2	152.3		PPGP					
09857W	3725N	1761-16362	00000/0000	1-10029/0187	08/23/74	60	611	52.4	125.7		GGGG					
09857W	2723N	1795-16262	00000/0000	1-10030/0719	09/26/74	10	1085	49.2	129.8		GGGG					
09858W	4157N	1960-16332	00000/0000	1-10035/1012	03/10/75	90	3386	34.9	138.3		FFFF					
09858W	4148N	1816-16391	00000/0000	1-10030/1585	10/17/74	10	1378	33.8	149.3		GGGP					
09858W	4147N	1852-16375	00000/0000	1-10032/0397	11/22/74	0	1880	23.6	153.4		PGGP					
09858W	4140N	1762-16404	00000/0000	1-10029/0278	08/24/74	80	625	50.1	131.6		GGGG					
09858W	3731N	1833-16341	00000/0000	1-10031/0901	11/03/74	100	1615	31.9	149.8		PPP					
09859W	4853N	1854-16471	00000/0000	1-10032/0297	11/24/74	70	1908	17.4	156.7		PGGG					
09859W	4844N	1782-16492	00000/0000	1-10029/1248	09/13/74	10	904	40.1	145.9		GGGG				M	
09859W	4149N	5086-16264	00000/0000	1-10040/0143	07/14/75	10	5143	55.4	115.0		FGFF					
09859W	4148N	1924-16345	00000/0000	1-10034/0254	02/02/75	60	2884	23.7	144.7		GGGG					
09859W	4145N	1870-16371	00000/0000	1-10032/0642	12/10/74	0	2131	20.4	152.7		FGF					
09859W	3737N	1941-16294	00000/0000	1-10034/0578	02/19/75	0	3121	31.1	139.0		GGGF					
09859W	3732N	5085-16221	00000/0000	00000/0000	07/13/75	40	5129	56.2	107.8		FGFG					
09859W	3729N	1815-16344	00000/0000	1-10031/0162	10/16/74	10	1364	37.3	146.2		PGGP					
09859W	3724N	1779-16353	00000/0000	1-10029/1129	09/10/74	90	862	48.0	133.5		PGGG					
09900W	4142N	1888-16363	00000/0000	1-10033/0393	12/28/74	0	2382	19.3	150.7		GGFG					
09900W	3737N	1959-16285	00000/0000	1-10035/0931	03/09/75	100	3372	37.1	135.1		GGFG					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09900W 3731N	1851-16332	00000/0000	1-10032/0344	11/21/74	0	1866	27.2	151.3		PPGG	
09900W 3728N	1869-16324	00000/0000	1-10032/0977	12/09/74	0	2117	23.9	150.9		FGFF	
09900W 3722N	1743-16370	00000/0000	1-10027/1094	08/05/74	40	360	55.9	118.2		GGGG	
09900W 3309N	5048-16195	00000/0000	1-10038/0602	06/06/75	30	4613	58.7	100.9		GGGG	M
09901W 4856N	1836-16475	00000/0000	1-10031/1066	11/06/74	10	1657	22.0	156.3		P GG	
09901W 4854N	1818-16483	00000/0000	1-10030/1688	10/19/74	80	1406	27.7	154.2		PPGG	
09901W 4149N	1996-16313	00000/0000	1-10037/0234	04/15/75	80	3888	47.9	130.6		FFFF	
09902W 4853N	1926-16441	00000/0000	1-10034/0092	02/04/75	30	2912	19.1	148.0		GGGF	
09902W 4149N	1978-16323	00000/0000	1-10037/0052	03/28/75	10	3637	41.6	134.7		GGFG	
09902W 4146N	5068-16274	00000/0000	1-10039/0281	06/26/75	0	4892	57.2	113.9		FFFG	
09902W 3732N	1995-16271	00000/0000	1-10037/0202	04/14/75	40	3874	49.5	125.7		GGGG	
09902W 3731N	5067-16231	00000/0000	1-10039/0198	06/25/75	30	4878	57.9	106.4		FGFG	
09902W 3726N	1887-16320	00000/0000	1-10033/0369	12/27/74	30	2368	22.5	149.0		GGGF	
09902W 2725N	1759-16275	00000/0000	1-10029/0028	08/21/74	50	583	55.7	110.0		GGG	
09902W 2722N	1777-16271	00000/0000	1-10029/0946	09/08/74	0	834	53.0	120.1		GGGP	
09903W 4856N	5088-16355	00000/0000	1-10040/0004	07/16/75	40	5171	52.8	126.5		GGGG	
09903W 4855N	1944-16432	00000/0000	1-10038/0001	02/22/75	40	3163	24.7	145.5		GGGG	
09903W 4847N	1890-16454	00000/0000	1-10033/0467	12/30/74	80	2410	13.8	153.4		GGGG	
09903W 4844N	1764-16500	00000/0000	1-10029/0349	08/26/74	70	653	45.6	140.6		PGPP	
09903W 4145N	5050-16284	00000/0000	1-10039/0041	06/08/75	100	4641	57.7	115.9		FGGF	
09903W 3730N	1977-16280	00000/0000	1-10036/0399	03/27/75	20	3623	43.6	130.8		GGGG	
09903W 2734N	1813-16261	00000/0000	1-10030/1449	10/14/74	70	1336	44.6	137.7		GGGG	
09903W 2730N	5083-16134	00000/0000	1-10040/0047	07/11/75	30	5101	56.2	90.8		FGFE	
09904W 4855N	1962-16424	00000/0000	1-10036/0024	03/12/75	10	3414	31.3	143.3		GGFG	
09904W 4145N	5014-16304	00000/0000	1-10038/0188	05/03/75	10	4139	53.0	125.7		GGGF	
09905W 4854N	5070-16370	00000/0000	1-10039/0304	06/28/75	90	4920	54.9	125.8		GGFG	
09905W 4850N	1872-16463	00000/0000	1-10032/1003	12/12/74	90	2159	14.5	155.6		P F	
09905W 4847N	1746-16504	00000/0000	1-10027/1444	08/08/74	10	402	50.3	135.8		GGFG	
09905W 3726N	5013-16261	00000/0000	1-10037/0636	05/02/75	70	4125	54.3	119.7		GGGG	
09906W 4138N	5032-16294	00000/0000	1-10038/0290	05/21/75	90	4390	56.3	120.2		FFGF	
09906W 3723N	5049-16242	00000/0000	1-10038/0619	06/07/75	10	4627	58.4	108.4		FGFG	
09906W 2729N	1831-16254	00000/0000	1-10031/0833	11/01/74	70	1587	39.8	143.0		PGPF	
09907W 4853N	1980-16415	00000/0000	1-10036/0522	03/30/75	40	3665	38.2	141.0		FGFG	
09907W 2733N	1957-16202	00000/0000	1-10035/0814	03/07/75	60	3344	41.6	127.2		GGGG	
09907W 2728N	1975-16199	00000/0000	1-10036/0247	03/25/75	0	3595	47.2	120.8		GGGF	

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03:20 SEP 30, '75

ERTS-1
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FROM 07/23/74 TO 07/23/75

PAGE 0497

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09907W 2726N	1921-16220	00000/0000	1-10034/0015	01/30/75	60	2842	32.4	137.4		GGGG	
09907W 2725N	1849-16250	00000/0000	1-10032/0422	11/19/74	70	1838	35.3	145.8		PGGP	
09908W 3722N	5031-16252	00000/0000	1-10038/0254	05/20/75	40	4376	57.4	113.4		GGGF	
09908W 2728N	5011-16174	00000/0000	1-10038/0162	04/30/75	80	4097	56.0	105.0		GGGG	
09909W 4850N	5016-16395	00000/0000	1-10037/0600	05/05/75	20	4167	50.1	135.0		GGGG	
09911W 3145N	1796-16304	00000/0000	1-10030/0765	09/27/74	20	1099	46.7	134.8		GGGG	
09914W 3150N	1814-16304	00000/0000	1-10030/1492	10/15/74	0	1350	41.6	141.7		GGGG	
09916W 3143N	1760-16322	00000/0000	1-10029/0151	08/22/74	10	597	54.6	117.1		GGGG	
09916W 3138N	1778-16313	00000/0000	00000/0000	09/09/74	60	848	51.1	126.2		GGPP	
09917W 4430N	1781-16445	00000/0000	1-10029/1151	09/12/74	100	890	43.2	141.6		GGGP	
09918W 4439N	1817-16440	00000/0000	1-10030/1666	10/18/74	60	1392	31.3	151.4		PGGG	
09919W 4441N	1835-16433	00000/0000	00000/0000	11/05/74	100	1643	25.7	153.9		PPP	
09919W 3152N	1958-16245	00000/0000	1-10035/0758	03/08/75	30	3358	39.9	130.6		FGFG	
09919W 3150N	1940-16254	00000/0000	1-10034/0510	02/18/75	10	3107	34.3	135.4		FFFG	
09919W 3148N	1832-16301	00000/0000	1-10031/0952	11/02/74	70	1601	36.4	146.1		PGGG	
09919W 3146N	1922-16263	00000/0000	1-10035/0230	01/31/75	90	2856	29.9	139.7		GGFG	
09919W 3145N	1868-16284	00000/0000	1-10032/0940	12/08/74	70	2103	28.4	148.3		FFFF	
09920W 4443N	5087-16313	00000/0000	1-10040/0157	07/15/75	10	5157	54.5	119.8		FFGF	
09920W 3143N	1850-16292	00000/0000	1-10032/0445	11/20/74	0	1852	31.8	148.3		PGGG	
09920W 2557N	1795-16264	00000/0000	1-10030/0720	09/26/74	20	1085	50.0	128.1		GGGG	
09921W 4445N	1961-16381	00000/0000	1-10035/0860	03/11/75	100	3400	33.6	140.3		FPFF	
09921W 3559N	1797-16351	00000/0000	1-10030/0737	09/28/74	30	1113	43.8	199.3		GGPG	M
09921W 3151N	1976-16240	00000/0000	1-10036/0334	03/26/75	80	3609	45.9	125.2		FFFG	
09921W 3148N	1994-16230	00000/0000	1-10037/0235	04/13/75	90	3860	51.4	118.7		FGGG	
09921W 3138N	1742-16330	00000/0000	1-10027/1203	08/04/74	100	346	57.3	108.4		GPGG	
09922W 4433N	1745-16462	00000/0000	1-10027/1367	08/07/74	10	388	52.7	129.7		GGGG	
09922W 4432N	1763-16454	00000/0000	1-10029/0370	08/25/74	0	639	48.4	135.5		GPGG	M
09923W 4742N	1800-16485	00000/0000	1-10030/0877	10/01/74	30	1155	34.8	149.8		GGPG	
09923W 4438N	1943-16390	00000/0000	1-10034/0567	02/21/75	100	3149	27.2	143.0		FGG	
09923W 4437N	1925-16395	00000/0000	1-10034/0085	02/03/75	90	2898	21.9	146.0		FFFF	
09923W 4435N	1871-16420	00000/0000	1-10032/1001	12/11/74	10	2145	18.0	153.8		FPF	
09924W 4430N	1889-16412	00000/0000	1-10033/0498	12/29/74	60	2396	17.1	151.7		FF F	
09925W 4016N	1744-16415	00000/0000	1-10027/1291	08/06/74	70	374	54.7	123.1		GGPP	
09925W 3605N	1833-16343	00000/0000	1-10031/0902	11/03/74	100	1615	33.0	148.9		PPP	
09925W 3600N	1761-16364	00000/0000	1-10029/0188	08/23/74	70	611	52.9	123.7		GGGG	

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 COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09925W	3143N	5048-16202	00000/0000	1-10038/0603	06/06/75	60	4613	58.7	98.3		GGGG	
09925W	2559N	1759-16281	00000/0000	1-10029/0029	08/21/74	30	583	56.0	107.7		GG G	
09926W	4436N	1979-16372	00000/0000	1-10036/0465	03/29/75	70	3651	40.4	137.2		FGFG	
09926W	4436N	5069-16323	00000/0000	1-10039/0249	06/27/75	10	4906	56.4	118.7		GGGF	
09926W	4016N	1780-16403	00000/0000	1-10030/0037	09/11/74	100	876	46.1	137.0		GGPG	
09926W	3611N	1941-16300	00000/0000	1-10034/0579	02/19/75	40	3121	32.0	138.0		FGGG	
09926W	2607N	1813-16263	00000/0000	1-10030/1450	10/14/74	70	1336	45.5	136.4		GGGG	
09926W	2555N	1777-16273	00000/0000	1-10029/0947	09/08/74	10	834	53.5	118.1		GGGP	
09927W	4434N	5015-16353	00000/0000	1-10037/0557	05/04/75	10	4153	52.0	129.4		GGGG	
09927W	4015N	1762-16411	00000/0000	1-10029/0279	08/24/74	90	625	50.8	129.8		GGGG	
09927W	3611N	1959-16291	00000/0000	1-10035/0932	03/09/75	100	3372	37.9	134.0		FGGG	
09927W	3606N	5085-16224	00000/0000	00000/0000	07/13/75	20	5129	56.4	105.4		GGFG	
09927W	3603N	1815-16351	00000/0000	1-10031/0163	10/16/74	10	1364	38.4	145.2		PPGG	M
09927W	3602N	1869-16331	00000/0000	1-10032/0978	12/09/74	0	2117	25.0	150.3		FGFE	
09927W	3558N	1779-16360	00000/0000	00000/0000	09/10/74	80	862	48.8	131.8		GGPG	
09927W	3556N	1743-16372	00000/0000	1-10027/1095	08/05/74	50	360	56.3	115.9		GGGG	
09927W	2603N	5083-16141	00000/0000	1-10040/0048	07/11/75	10	5101	55.9	88.5		GGGE	
09927W	2557N	1741-16285	00000/0000	1-10027/1163	08/03/74	10	332	57.7	98.3		PP	
09928W	4031N	1960-16374	00000/0000	1-10035/1013	03/10/75	100	3386	35.8	137.2		FFF	
09928W	4025N	1834-16390	00000/0000	1-10031/0988	11/04/74	10	1629	29.3	151.5		GGGG	
09928W	4023N	5086-16270	00000/0000	1-10040/0144	07/14/75	10	5143	55.7	112.7		FFFF	
09928W	4022N	1852-16382	00000/0000	1-10032/0398	11/22/74	0	1880	24.7	152.7		PPGG	
09928W	3605N	1851-16335	00000/0000	1-10032/0345	11/21/74	0	1866	28.3	150.6		GGG	
09929W	4022N	1816-16394	00000/0000	1-10030/1586	10/17/74	30	1378	34.9	148.4		PPPP	
09929W	4022N	1924-16352	00000/0000	1-10034/0255	02/02/75	80	2884	24.6	143.9		GGGG	
09929W	3606N	1995-16273	00000/0000	1-10037/0203	04/14/75	0	3874	50.1	123.9		G	
09929W	3605N	5067-16274	00000/0000	1-10039/0199	06/25/75	20	4878	58.0	103.8		FGFE	
09929W	3601N	1887-16322	00000/0000	1-10033/0370	12/27/74	60	2368	23.6	148.4		FGGG	
09930W	4020N	1870-16373	00000/0000	1-10032/0643	12/10/74	10	2131	21.5	152.1		GFG	
09930W	4016N	1888-16365	00000/0000	1-10033/0394	12/28/74	0	2382	20.4	150.1		FGFG	
09930W	3605N	1977-16283	00000/0000	1-10036/0400	03/27/75	0	3623	44.3	129.3		GGGG	
09930W	2606N	1957-16205	00000/0000	1-10035/0713	03/07/75	30	3344	42.3	125.9		GGFG	
09930W	2602N	1831-16260	00000/0000	1-10031/0834	11/01/74	60	1587	40.8	142.0		GGPG	
09930W	2602N	1975-16200	00000/0000	1-10036/0248	03/25/75	0	3595	47.7	119.2		FFFF	
09930W	2559N	1867-16244	00000/0000	1-10032/0807	12/07/74	20	2089	32.8	145.4		PPPG	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
09930W 2558N	1849-16252	00000/0000	1-10032/0423	11/19/74	70	1838	36.3	144.9		PPPP	
09931W 4024N	1996-16320	00000/0000	1-10037/0311	04/15/75	90	3888	48.6	128.9		GGGF	
09931W 4023N	1978-16325	00000/0000	1-10037/0053	03/28/75	10	3637	42.4	133.3		GF G	
09931W 2603N	5011-16181	00000/0000	1-10038/0163	04/30/75	50	4097	56.1	102.7		GGGG	
09931W 2600N	1921-16222	00000/0000	1-10034/0016	01/30/75	30	2842	33.3	136.5		GGGG	
09933W 4021N	5068-16281	00000/0000	1-10039/0282	06/26/75	10	4892	57.5	111.4		GGFG	
09933W 4020N	5050-16291	00000/0000	1-10039/0042	06/08/75	100	4641	58.0	113.4		FFGG	
09933W 3558N	5049-16244	00000/0000	1-10038/0620	06/07/75	10	4627	58.6	105.8		FGFG	
09934W 4019N	5014-16310	00000/0000	1-10038/0189	05/03/75	10	4139	53.6	123.6		GGGG	
09935W 4719N	1782-16494	00000/0000	1-10029/1249	09/13/74	10	904	41.0	144.6		GGGG	
09935W 3556N	5031-16254	00000/0000	1-10038/0255	05/20/75	40	4376	57.6	110.9		GGGG	
09936W 4728N	1854-16474	00000/0000	1-10032/0298	11/24/74	30	1908	18.6	156.0		GGGG	
09936W 4013N	5032-16301	00000/0000	1-10038/0291	05/21/75	70	4390	56.8	117.9		PPFG	
09936W 3019N	1796-16311	00000/0000	1-10030/0766	09/27/74	80	1099	47.5	133.3		GGGG	
09938W 4731N	1836-16482	00000/0000	1-10031/1068	11/06/74	10	1657	23.1	155.5		PPGG	
09939W 4731N	5088-16362	00000/0000	1-10040/0005	07/16/75	60	5171	53.4	124.3		FGGG	
09939W 4729N	1818-16490	00000/0000	1-10030/1689	10/19/74	80	1406	28.8	153.3		PPPG	
09939W 4728N	1926-16444	00000/0000	1-10034/0093	02/04/75	80	2912	20.2	147.3		FGGG	
09939W 4719N	1764-16503	00000/0000	1-10029/0350	08/26/74	100	653	46.5	139.1		GGPG	
09940W 4730N	1944-16435	00000/0000	1-10038/0002	02/22/75	90	3163	25.6	144.6		FGFG	
09940W 4723N	1890-16461	00000/0000	1-10033/0468	12/30/74	0	2410	14.9	152.8		GGGG	
09940W 3017N	1760-16324	00000/0000	1-10029/0152	08/22/74	10	597	55.0	114.9		PGPG	
09941W 4730N	1962-16430	00000/0000	1-10036/0025	03/12/75	10	3414	32.2	142.2		GGGG	
09941W 4730N	5070-16372	00000/0000	1-10039/0305	06/28/75	70	4920	55.4	123.5		GGGG	
09941W 4725N	1872-16465	00000/0000	1-10032/1004	12/12/74	100	2159	15.7	155.0		P FF	
09941W 4721N	1746-16511	00000/0000	1-10027/1445	08/08/74	20	402	51.1	133.9		GGPG	
09943W 4727N	1980-16421	00000/0000	1-10036/0523	03/30/75	90	3665	39.1	139.7		FGFG	
09943W 3024N	1940-16260	00000/0000	1-10034/0511	02/18/75	10	3107	35.1	134.4		FGFF	
09944W 3025N	1958-16251	00000/0000	1-10035/0759	03/08/75	20	3358	40.6	129.4		GGFG	
09944W 3022N	1832-16303	00000/0000	1-10031/0953	11/02/74	90	1601	37.5	145.2		PPG	
09944W 3020N	1868-16290	00000/0000	1-10032/0941	12/08/74	60	2103	29.5	147.6		FFFF	
09944W 3020N	1922-16265	00000/0000	1-10035/0231	01/31/75	100	2856	30.8	138.8		GGGG	
09945W 4725N	5016-16402	00000/0000	1-10037/0601	05/05/75	10	4167	50.9	133.1		FGGG	
09945W 3025N	1976-16242	00000/0000	1-10036/0335	03/26/75	80	3609	46.4	123.6		GGFG	
09945W 3022N	1994-16233	00000/0000	1-10037/0236	04/13/75	100	3860	51.8	116.8		GGFF	

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OF POOR QUALITY

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
09945W	3017N	1850-16295	00000/0000	1-10032/0446	11/20/74	0	1852	32.9	147.5		GGGG				
09945W	3013N	1742-16332	00000/0000	1-10027/1204	08/04/74	100	346	57.5	106.0		GGGG				
09947W	3433N	1797-16354	00000/0000	1-10030/0738	09/28/74	0	1113	44.7	138.0		GGPG				
09948W	5010N	1783-16544	00000/0000	1-10029/1169	09/14/74	80	918	38.7	147.4		GGGG				
09949W	4305N	1781-16452	00000/0000	1-10029/1152	09/12/74	90	890	44.1	140.2		GGGG				
09951W	4314N	1817-16443	00000/0000	1-10030/1667	10/18/74	20	1392	32.4	150.5		PGGG				
09952W	5010N	1891-16510	00000/0000	1-10033/0516	12/31/74	10	2424	12.7	153.9		FGGG				
09952W	4318N	5087-16315	00000/0000	1-10040/0158	07/15/75	10	5157	54.9	117.5		FFTF				
09952W	4315N	1835-16435	00000/0000	00000/0000	11/05/74	80	1643	26.8	153.2		PGPG				
09952W	3444N	1941-16303	00000/0000	1-10034/0580	02/19/75	30	3121	32.9	137.1		GGGG				
09952W	3439N	1833-16350	00000/0000	1-10031/0903	11/03/74	100	1615	34.0	148.1		PPGP				
09952W	3434N	1761-16371	00000/0000	1-10029/0189	08/23/74	60	611	53.5	121.7		PPPG				
09953W	5008N	1765-16552	00000/0000	1-10029/0460	08/27/74	40	667	44.4	142.5		GGPG				
09953W	4320N	1961-16383	00000/0000	1-10035/0861	03/11/75	100	3400	34.5	139.2		FFFF				
09953W	4307N	1745-16464	00000/0000	1-10027/1368	08/07/74	20	388	53.4	127.7		GGGG				
09953W	3445N	1959-16294	00000/0000	1-10035/0933	07/09/75	100	3372	38.7	132.8		GFGG				
09953W	3441N	5085-16230	00000/0000	00000/0000	07/13/75	20	5129	56.5	103.0		FGTF				
09953W	3437N	1815-16353	00000/0000	1-10031/0164	10/16/74	0	1364	39.4	144.1		GGGG				
09953W	3431N	1779-16362	00000/0000	00000/0000	09/10/74	80	862	49.5	130.2		PPPG				
09954W	4306N	1763-16460	00000/0000	1-10029/0371	08/25/74	10	639	49.2	133.8		GPGG				
09954W	3851N	1744-16421	00000/0000	1-10027/1292	08/06/74	90	374	55.2	120.9		GGPP				
09954W	3437N	1869-16333	00000/0000	1-10032/0979	12/09/74	0	2117	26.1	149.6		FGTF				
09954W	3431N	1743-16375	00000/0000	1-10027/1096	08/05/74	50	360	56.6	113.6		GGGG				
09955W	4313N	1943-16392	00000/0000	1-10034/0568	02/21/75	70	3149	28.2	142.1		GGFF				
09955W	3440N	1995-16280	00000/0000	1-10037/0176	04/14/75	20	3874	50.7	122.1		G GG				
09955W	3439N	5067-16240	00000/0000	1-10039/0200	06/25/75	10	4878	58.1	101.3		GFFG				
09955W	3438N	1851-16341	00000/0000	1-10032/0346	11/21/74	0	1866	29.4	149.9		PGPP				
09956W	4304N	1889-16414	00000/0000	1-10033/0499	12/29/74	50	2396	18.2	151.1		FF F				
09956W	3851N	1780-16405	00000/0000	1-10030/0038	09/11/74	60	876	46.9	135.5		GPGG				
09956W	3850N	1762-16413	00000/0000	1-10029/0280	08/24/74	100	625	51.5	128.0		GGGG				
09956W	3435N	1887-16325	00000/0000	1-10033/0371	12/27/74	70	2368	24.7	147.7		FFGF				
09957W	4310N	1979-16374	00000/0000	1-10036/0466	03/29/75	20	3651	41.2	135.8		GGGG				
09957W	3906N	1960-16341	00000/0000	1-10035/1014	03/10/75	100	3386	36.6	136.1		FPTG				
09957W	3857N	5086-16273	00000/0000	1-10040/0145	07/14/75	10	5143	55.9	110.3		FGGG				
09957W	3856N	1852-16384	00000/0000	1-10032/0399	11/22/74	0	1880	25.8	152.0		PG P				

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STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0501

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS #5678	PRODUCTS B P P B P C C D D
09957W 3439N	1977-16285	00000/0000	1-10036/0401	03/27/75	0	3623	44.9	127.8		GGGF	
09958W 4617N	1800-16492	00000/0000	1-10030/0878	10/01/74	30	1155	35.8	148.7		GGGG	
09958W 4310N	5069-16330	00000/0000	1-10039/0250	06/27/75	0	4906	56.8	116.3		GGFG	
09958W 3857N	1924-16354	00000/0000	1-10034/0256	02/02/75	90	2884	25.6	143.2		GGGG	
09958W 3856N	1816-16400	00000/0000	1-10030/1587	10/17/74	10	1378	36.0	147.4		GGGP	
09959W 4309N	5015-16355	00000/0000	1-10037/0558	05/04/75	0	4153	52.6	127.4		FGGG	M
09959W 3854N	1870-16380	00000/0000	1-10032/0644	12/10/74	40	2131	22.7	151.5		FGPG	
09959W 3434N	5013-16270	00000/0000	1-10037/0637	05/02/75	70	4125	55.2	115.4		GGGG	
10000W 3858N	1996-16322	00000/0000	1-10037/0312	04/15/75	60	3888	49.2	127.2		GGFG	
10000W 3857N	1978-16332	00000/0000	1-10037/0054	03/28/75	40	3637	43.2	131.9		GGGG	
10000W 3851N	1888-16372	00000/0000	1-10033/0395	12/28/74	0	2382	21.5	149.5		GFGG	
10000W 3432N	5049-16251	00000/0000	1-10038/0621	06/07/75	60	4627	58.7	103.2		GGFF	
10000W 2852N	1796-16313	00000/0000	1-10030/0767	09/27/74	80	1099	48.3	131.8		GGGG	
10002W 3855N	5068-16283	00000/0000	1-10039/0283	06/26/75	10	4892	57.7	108.9		FFGG	
10002W 3431N	5031-16261	00000/0000	1-10038/0256	05/20/75	20	4376	57.9	108.4		FGGG	
10003W 3853N	5014-16313	00000/0000	1-10038/0190	05/03/75	10	4139	54.1	121.5		GGGG	
10004W 2851N	1760-16331	00000/0000	1-10029/0153	08/22/74	10	597	55.3	112.7		PPPP	
10005W 3848N	5032-16303	00000/0000	1-10038/0292	05/21/75	30	4390	57.1	115.5		PPPP	
10005W 2859N	1814-16313	00000/0000	1-10030/1493	10/15/74	0	1350	43.4	139.3		GGPG	
10005W 2845N	1778-16322	00000/0000	00000/0000	09/09/74	80	848	52.3	122.5		GGPG	
10007W 4952N	5053-16432	00000/0000	1-10038/0636	06/11/75	20	4683	54.9	129.1		FFFF	
10007W 2859N	1940-16263	00000/0000	1-10034/0512	02/18/75	40	3107	35.9	133.4		FFFF	
10008W 2859N	1958-16254	00000/0000	1-10035/0760	03/08/75	80	3358	41.3	128.1		GGFG	
10008W 2855N	1832-16310	00000/0000	1-10031/0954	11/02/74	90	1601	38.5	144.3		PPG	
10008W 2854N	1922-16272	00000/0000	1-10035/0001	01/31/75	100	2856	31.7	138.0		GGGG	
10009W 2854N	1868-16293	00000/0000	1-10032/0942	12/08/74	100	2103	30.6	146.9		FFPG	
10009W 2851N	1850-16301	00000/0000	1-10032/0447	11/20/74	0	1852	34.0	146.7		GGGG	
10009W 2846N	1742-16335	00000/0000	1-10027/1205	08/04/74	80	346	57.6	103.6		GGGG	
10010W 4554N	1782-16501	00000/0000	1-10029/1250	09/13/74	10	904	42.0	143.2		GGGG	
10010W 2858N	1976-16245	00000/0000	1-10036/0336	03/26/75	70	3609	47.0	122.0		GGFG	
10010W 2856N	1994-16235	00000/0000	1-10037/0237	04/13/75	90	3860	52.2	114.9		GGFG	
10011W 4603N	1854-16480	00000/0000	1-10032/0299	11/24/74	40	1908	19.7	155.3		GGGP	
10013W 4606N	1836-16484	00000/0000	1-10031/1069	11/06/74	10	1657	24.3	154.8		PPGG	M
10013W 4604N	1818-16492	00000/0000	1-10030/1690	10/19/74	50	1406	29.9	152.4		PPGG	
10013W 4603N	1926-16450	00000/0000	1-10034/0130	02/04/75	90	2912	21.2	146.5		FGGG	

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PAGE 0502

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
10013W	3307N	1797-16360	00000/0000	1-10030/0739	09/28/74	0	1113	45.6	136.6		PGGG					
10014W	4606N	5088-16364	00000/0000	1-10040/0006	07/16/75	60	5171	53.9	122.1		GFFG					
10014W	4556N	1764-16505	00000/0000	1-10029/0351	08/26/74	40	653	47.3	137.4		GGPG					
10015W	4605N	1944-16441	00000/0000	1-10038/0003	02/22/75	20	3163	26.6	143.8		GGGG					
10015W	4557N	1746-16513	00000/0000	1-10027/1446	08/08/74	40	402	51.8	132.0		PGPG					
10015W	4557N	1890-16463	00000/0000	1-10033/0469	12/30/74	0	2410	16.0	152.2		GGFF					
10016W	4604N	1962-16433	00000/0000	1-10036/0026	03/12/75	0	3414	33.1	141.1		GGGG					
10016W	4604N	5070-16375	00000/0000	1-10039/0306	06/28/75	40	4920	55.9	121.1		GGGG					
10016W	4559N	1872-16472	00000/0000	1-10032/1006	12/12/74	100	2159	16.8	154.4		FFFF					
10017W	4602N	1980-16424	00000/0000	1-10036/0524	03/30/75	100	3665	40.0	138.3		FGFG					
10018W	3319N	1941-16305	00000/0000	1-10034/0581	02/19/75	10	3121	33.7	136.1		FGGG					
10018W	3309N	1761-16373	00000/0000	1-10029/0190	08/23/74	30	611	54.0	119.7		PPP					
10019W	3313N	1833-16352	00000/0000	1-10031/0904	11/03/74	80	1615	35.1	147.2		PGGG					
10019W	3311N	1815-16360	00000/0000	1-10031/0165	10/16/74	0	1364	40.4	143.0		PPGG					
10019W	3311N	1869-16340	00000/0000	1-10032/0980	12/09/74	0	2117	27.2	149.0		FFFF					
10019W	3305N	1743-16381	00000/0000	1-10027/1097	08/05/74	100	360	56.9	111.2		GGGG					
10019W	3305N	1779-16365	00000/0000	00000/0000	09/10/74	70	862	50.2	128.5		PGGG					
10020W	4559N	5016-16404	00000/0000	1-10037/0602	05/05/75	30	4167	51.6	131.1		FGGG					
10020W	4558N	5052-16385	00000/0000	1-10039/0079	06/10/75	60	4669	56.4	122.8		GGFG					
10020W	4139N	1781-16454	00000/0000	1-10030/0019	09/12/74	90	890	45.0	138.8		GPPG					
10020W	3315N	5085-16233	00000/0000	00000/0000	07/13/75	10	5129	56.5	100.6		FGFP					
10021W	3314N	1995-16282	00000/0000	1-10037/0177	04/14/75	60	3874	51.2	120.2		G GG					
10021W	3313N	1851-16344	00000/0000	1-10032/0347	11/21/74	0	1866	30.5	149.1		GPPG					
10021W	3308N	1887-16391	00000/0000	1-10033/0409	12/27/74	50	2368	25.7	147.1		PP P					
10022W	4148N	1817-16445	00000/0000	1-10030/1668	10/18/74	0	1392	33.5	149.6		GGGG					
10022W	3726N	1744-16424	00000/0000	1-10027/1293	08/06/74	80	374	55.7	118.7		GGPP					
10023W	4152N	5087-16322	00000/0000	1-10040/0159	07/15/75	0	5157	55.2	115.2		FGGG					
10023W	4149N	1835-16442	00000/0000	00000/0000	11/05/74	30	1643	27.9	152.4		PGGG					
10023W	3312N	1977-16292	00000/0000	1-10036/0402	03/27/75	0	3623	45.6	126.3		GGGG					
10023W	2726N	1796-16320	00000/0000	1-10030/0768	09/27/74	90	1099	49.0	130.3		GGGG					
10024W	4143N	1745-16471	00000/0000	1-10027/1369	08/07/74	50	388	54.0	125.6		GGGG					
10024W	4138N	1763-16463	00000/0000	1-10029/0372	08/25/74	30	639	49.9	132.0		GP G					
10024W	3725N	1762-16420	00000/0000	1-10029/0281	08/24/74	90	625	52.1	126.1		GGGG					
10024W	3725N	1780-16412	00000/0000	1-10030/0039	09/11/74	20	876	47.7	133.9		GPG					
10024W	3308N	5013-16273	00000/0000	1-10037/0638	05/02/75	70	4125	55.5	113.1		FGGG					

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 COORDINATE LISTING WITH PRODUCT DATA
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PAGE 0503

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
10025W	4155N	1961-16390	00000/0000	1-10035/0862	03/11/75	100	3400	35.3	138.1		FFFF					
10025W	4146N	1925-16404	00000/0000	1-10034/0086	02/03/75	100	2898	23.9	144.5		FFFF					
10025W	3740N	1960-16343	00000/0000	1-10035/1015	03/10/75	100	3386	37.4	134.9		FFFF					
10025W	3730N	5086-16275	00000/0000	1-10040/0146	07/14/75	10	5143	56.1	107.9		FFGF					
10025W	3307N	5049-16253	00000/0000	1-10038/0622	06/07/75	40	4627	58.7	100.7		GGFG					
10026W	4855N	1837-16534	00000/0000	1-10031/0626	11/07/74	80	1671	21.7	156.3		PGPG					
10026W	4852N	1855-16525	00000/0000	1-10032/0472	11/25/74	40	1922	17.2	156.6		PPGG					
10026W	4845N	1783-16550	00000/0000	1-10029/1170	09/14/74	30	918	39.7	146.2		GGGG					
10026W	4147N	1943-16395	00000/0000	1-10034/0569	02/21/75	40	3149	29.1	141.2		FGGG					
10026W	3731N	1816-16403	00000/0000	1-10030/1603	10/17/74	0	1378	37.0	146.4		GGGG					
10026W	3731N	1924-16361	00000/0000	1-10034/0257	02/02/75	100	2884	26.6	142.4		PGFF					
10026W	3730N	1852-16391	00000/0000	1-10032/0400	11/22/74	10	1880	26.9	151.3		P P					
10026W	2725N	1760-16333	00000/0000	1-10029/0154	08/22/74	40	597	55.6	110.5		GGPG					
10027W	4855N	1819-16541	00000/0000	1-10030/1602	10/20/74	0	1420	27.4	154.4		PGPG					
10027W	4847N	1747-16563	00000/0000	1-10027/1544	08/09/74	40	416	50.1	136.0		PGGG					
10027W	4140N	1889-16421	00000/0000	1-10033/0500	12/29/74	20	2396	19.3	150.5		FF G					
10027W	3728N	1870-16382	00000/0000	1-10033/0004	12/10/74	50	2131	23.8	150.8		GGGF					
10027W	3306N	5031-16263	00000/0000	1-10038/0257	05/20/75	50	4376	58.0	106.0		FGGG					
10028W	4857N	5089-16413	00000/0000	1-10040/0181	07/17/75	90	5185	52.7	126.6		FFFF					
10028W	4145N	1979-16381	00000/0000	1-10036/0467	03/29/75	10	3651	42.0	134.5		GGGF					
10028W	3733N	1996-16325	00000/0000	1-10037/0313	04/15/75	10	3888	49.8	125.4		GGGG					
10028W	3731N	1978-16334	00000/0000	1-10036/0514	03/28/75	100	3637	43.9	130.5		GGFP					
10029W	4847N	1873-16521	00000/0000	1-10033/0701	12/13/74	10	2173	14.4	155.5		GGGF					
10029W	4145N	5069-16332	00000/0000	1-10039/0251	06/27/75	10	4906	57.1	113.8		GGGF					
10029W	3726N	1888-16374	00000/0000	1-10033/0225	12/28/74	10	2382	22.5	148.8		GG G					
10029W	2733N	1814-16315	00000/0000	1-10030/1494	10/15/74	10	1350	44.3	138.1		GGGG					
10029W	2719N	1778-16325	00000/0000	00000/0000	09/09/74	40	848	52.8	120.6		GGPG					
10030W	4854N	1945-16491	00000/0000	1-10034/0629	02/23/75	20	3177	25.1	145.4		GGGG					
10030W	4852N	1927-16495	00000/0000	1-10035/0072	02/05/75	20	2926	19.4	147.9		FGGF					
10030W	4845N	1891-16513	00000/0000	1-10033/0517	12/31/74	0	2424	13.8	153.3		FGGF					
10030W	4144N	5015-16362	00000/0000	1-10037/0559	05/04/75	0	4153	53.2	125.4		FGGG					
10030W	3730N	5068-16290	00000/0000	1-10039/0284	06/26/75	40	4892	57.8	106.3		GGGF					
10030W	3728N	5050-16300	00000/0000	1-10039/0043	06/08/75	60	4641	58.4	108.3		FGGF					
10031W	4843N	1765-16555	00000/0000	1-10029/0461	08/27/74	30	667	45.3	140.9		GGPG					
10031W	3727N	5014-16315	00000/0000	1-10038/0191	05/03/75	10	4139	54.5	119.4		GGGG					

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0504

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT		RBV	MSS								B	P	P	B	P
10032W	4452N	1800-16494	00000/0000	1-10030/0879	10/01/74	70	1155	36.8	147.6		GGGG					
10032W	3723N	5032-16310	00000/0000	1-10038/0293	05/21/75	0	4390	57.5	113.0		PFGG					
10032W	2733N	1940-16265	00000/0000	1-10034/0513	02/18/75	70	3107	36.7	132.3		FFFF					
10032W	2733N	1958-16260	00000/0000	1-10035/0761	03/08/75	100	3358	42.0	126.8		GGFG					
10032W	2729N	1832-16312	00000/0000	1-10031/0955	11/02/74	90	1601	39.5	143.3		PPG					
10032W	2729N	1922-16274	00000/0000	1-10035/0002	01/31/75	70	2856	32.6	137.1		GGGG					
10032W	2728N	1868-16295	00000/0000	1-10032/0943	12/08/74	90	2103	31.6	146.2		FFFF					
10033W	2725N	1850-16304	00000/0000	1-10032/0448	11/20/74	10	1852	35.0	145.9		PGGG					
10033W	2721N	1742-16341	00000/0000	1-10027/1206	08/04/74	40	346	57.6	101.1		GGGG					
10034W	2732N	1976-16251	00000/0000	1-10036/0337	03/26/75	80	3609	47.5	120.4		GGFF					
10034W	2731N	1994-16242	00000/0000	1-10037/0238	04/13/75	60	3860	52.5	112.9		GGGF					
10038W	3142N	1797-16363	00000/0000	1-10030/0740	09/28/74	0	1113	46.4	135.2		GPPG					
10043W	4449N	1908-16461	00000/0000	1-10033/0886	01/17/75	100	2661	18.4	148.9		PP					
10043W	3153N	1941-16312	00000/0000	1-10034/0582	02/19/75	0	3121	34.6	135.1		FFGG					
10043W	3143N	1761-16380	00000/0000	1-10029/0191	08/23/74	30	611	54.4	117.6		PGGG					
10044W	4827N	5053-16435	00000/0000	1-10038/0637	06/11/75	40	4683	55.5	126.8		PFGF					
10044W	4429N	1782-16503	00000/0000	1-10029/1251	09/13/74	10	904	42.9	141.9		GGGG					
10044W	3153N	1959-16303	00000/0000	1-10035/0934	03/09/75	60	3372	40.2	130.4		GGGF					
10044W	3145N	1869-16342	00000/0000	1-10032/0956	12/09/74	20	2117	28.3	148.3		FFF					
10044W	3141N	1779-16371	00000/0000	00000/0000	09/10/74	50	862	50.9	126.8		GGG					
10045W	4438N	1854-16483	00000/0000	1-10032/0300	11/24/74	30	1908	20.9	154.7		PGGG					
10045W	3147N	1833-16355	00000/0000	1-10031/0905	11/03/74	40	1615	36.2	146.3		PPPG					
10045W	3146N	1815-16362	00000/0000	1-10031/0166	10/16/74	10	1364	41.3	141.9		PGGG					
10045W	3140N	1743-16384	00000/0000	1-10027/1098	08/05/74	100	360	57.2	108.9		GGGG					
10046W	4438N	1818-16495	00000/0000	1-10030/1691	10/19/74	20	1406	31.0	151.6		PPGG					
10046W	3148N	1995-16285	00000/0000	1-10037/0178	04/14/75	50	3874	51.6	118.3		FFGG					
10046W	3147N	1851-16350	00000/0000	1-10032/0348	11/21/74	0	1866	31.6	148.4		PPPG					
10046W	2559N	1796-16322	00000/0000	1-10030/0769	09/27/74	60	1099	49.7	128.7		GGGG					
10047W	4441N	5088-16371	00000/0000	1-10040/0007	07/16/75	30	5171	54.3	119.9		GGGF					
10047W	4440N	1836-16491	00000/0000	1-10031/1070	11/06/74	10	1657	25.4	154.0		PPGG					
10047W	4438N	1926-16453	00000/0000	1-10034/0131	02/04/75	90	2912	22.2	145.8		GGFG					
10047W	3142N	1887-16334	00000/0000	1-10033/0410	12/27/74	60	2368	26.8	146.4		PF P					
10048W	4440N	1944-16444	00000/0000	1-10038/0004	02/22/75	0	3163	27.6	142.9		FGGF					
10048W	4432N	1890-16470	00000/0000	1-10033/0470	12/30/74	0	2410	17.1	151.6		FGGG					
10048W	3146N	1977-16294	00000/0000	1-10036/0403	03/27/75	10	3623	46.2	124.8		GGGG					

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0505

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
10049W	4434N	1872-16474	00000/0000	1-10032/1007	12/12/74	70	2159	17.9	153.7		FGFG				
10049W	4431N	1764-16512	00000/0000	1-10029/0352	08/26/74	80	653	48.1	135.8		GGPG				
10049W	3600N	1744-16430	00000/0000	1-10027/1294	08/06/74	70	374	56.1	116.4		GGPP				
10049W	3142N	5013-16275	00000/0000	1-10037/0639	05/02/75	60	4125	55.8	110.9		FGGG				
10049W	2559N	1760-16340	00000/0000	1-10029/0155	08/22/74	10	597	55.8	108.3		PGPG				
10050W	4439N	1962-16435	00000/0000	1-10036/0027	03/12/75	0	3414	34.0	140.0		GGGG				
10050W	4014N	1781-16461	00000/0000	1-10030/0020	09/12/74	90	890	45.8	137.3		PPG				
10051W	4436N	1980-16430	00000/0000	1-10036/0525	03/30/75	80	3665	40.8	137.0		FGFG				
10051W	3609N	1834-16401	00000/0000	00000/0000	11/04/74	40	1629	32.6	149.1		PP P				
10051W	3600N	1762-16422	00000/0000	1-10029/0282	08/24/74	100	625	52.7	124.2		GGGG				
10051W	3141N	5031-16270	00000/0000	1-10038/0258	05/20/75	20	4376	58.1	103.5		FFGG				
10051W	3141N	5049-16260	00000/0000	1-10038/0623	06/07/75	40	4627	58.7	98.1		GGFG				
10052W	3605N	5086-16282	00000/0000	1-10040/0147	07/14/75	10	5143	56.3	105.5		FGFF				
10052W	3559N	1780-16414	00000/0000	1-10030/0040	09/11/74	10	876	48.5	132.3		GGPG				
10052W	2553N	1778-16331	00000/0000	00000/0000	09/09/74	0	848	53.3	118.7		GGGR				
10053W	4434N	5016-16411	00000/0000	1-10037/0603	05/05/75	60	4167	52.2	129.2		FGGF				
10053W	4433N	5052-16391	00000/0000	1-10039/0080	06/10/75	50	4669	56.9	120.4		FGFG				
10053W	4022N	1817-16452	00000/0000	1-10030/1669	10/18/74	0	1392	34.6	148.6		GGGG				
10053W	4017N	1745-16473	00000/0000	1-10027/1370	08/07/74	60	388	54.5	123.5		GGGG				
10053W	3614N	1960-16350	00000/0000	1-10035/1016	03/10/75	100	3386	38.2	133.8		FFGG				
10053W	3605N	1816-16405	00000/0000	1-10030/1604	10/17/74	0	1378	38.0	145.4		GGGG				
10053W	3605N	1924-16363	00000/0000	1-10034/0258	02/02/75	100	2884	27.5	141.6		PPPP				
10053W	3604N	1852-16393	00000/0000	1-10032/0394	11/22/74	0	1880	28.1	150.6		P PG				
10054W	4013N	1763-16465	00000/0000	1-10029/0373	08/25/74	30	639	50.6	130.2		GGGG				
10055W	4029N	1961-16392	00000/0000	1-10035/0863	03/11/75	100	3400	36.2	137.0		FFGF				
10055W	4019N	1871-16432	00000/0000	1-10032/1002	12/11/74	0	2145	21.4	152.0		PPPF				
10055W	3607N	1996-16331	00000/0000	1-10037/0314	04/15/75	0	3888	50.4	123.6		GGGF				
10055W	3604N	1978-16341	00000/0000	1-10036/0515	03/28/75	100	3637	44.6	129.0		GGFP				
10055W	2606N	1958-16263	00000/0000	1-10035/0762	03/08/75	70	3358	42.6	125.5		GGFG				
10055W	2603N	1832-16315	00000/0000	1-10031/0956	11/02/74	10	1601	40.5	142.2		PPG				
10055W	2602N	1868-16302	00000/0000	1-10032/0944	12/08/74	70	2103	32.7	145.4		PPFP				
10056W	4022N	1943-16401	00000/0000	1-10035/0815	02/21/75	20	3149	30.0	140.3		GGGG				
10056W	4021N	1925-16410	00000/0000	1-10034/0265	02/03/75	100	2898	24.9	143.7		GGGG				
10056W	3600N	1888-16381	00000/0000	1-10033/0226	12/28/74	10	2382	23.6	148.2		GG F				
10056W	2606N	1940-16272	00000/0000	1-10034/0514	02/18/75	10	3107	37.5	131.3		FFGF				

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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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 COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10056W 2603N	1922-16281	00000/0000	1-10035/0003	01/31/75	50	2856	33.5	136.2		GGGG	
10056W 2558N	1850-16310	00000/0000	1-10032/0449	11/20/74	60	1852	36.1	145.0		GGGG	
10056W 2554N	1742-16344	00000/0000	1-10027/1207	08/04/74	10	346	57.6	98.7		GGGG	
10057W 4021N	1997-16374	00000/0000	1-10037/0439	04/16/75	70	3902	48.9	128.6		GFFF	
10057W 4014N	1889-16423	00000/0000	1-10033/0501	12/29/74	0	2396	20.4	149.9		FF G	
10057W 3605N	5068-16292	00000/0000	1-10039/0285	06/26/75	10	4892	57.9	103.8		GGGF	
10057W 2606N	1976-16254	00000/0000	1-10036/0338	03/26/75	100	3609	48.0	118.8		GGGG	
10057W 2605N	1994-16244	00000/0000	1-10037/0239	04/13/75	20	3860	52.8	110.9		GGFE	
10058W 4020N	5069-16335	00000/0000	1-10039/0252	06/27/75	30	4906	57.4	111.3		FGFG	
10058W 4019N	1979-16383	00000/0000	1-10036/0468	03/29/75	0	3651	42.8	133.1		GGGG	
10058W 3602N	5050-16302	00000/0000	1-10039/0044	06/08/75	10	4641	58.6	105.7		GGGF	
10058W 3601N	5014-16322	00000/0000	1-10038/0192	05/03/75	0	4139	55.0	117.2		GGGG	
10100W 4018N	5015-16364	00000/0000	1-10037/0560	05/04/75	0	4153	53.8	123.3		FGFG	
10100W 3558N	5032-16312	00000/0000	1-10038/0294	05/21/75	0	4390	57.7	110.6		GGGG	
10102W 4721N	1783-16553	00000/0000	1-10029/1171	09/14/74	10	918	40.7	144.9		GGGG	M
10103W 4730N	1837-16540	00000/0000	1-10031/0627	11/07/74	50	1671	22.8	155.6		FGFG	
10103W 4729N	1819-16544	00000/0000	1-10031/0248	10/20/74	0	1420	28.5	153.5		GGGG	M
10103W 4727N	1855-16532	00000/0000	1-10032/0473	11/25/74	70	1922	18.4	156.0		PPPP	
10103W 4722N	1747-16565	00000/0000	1-10027/1545	08/09/74	50	416	50.9	134.2		GGGG	
10103W 3016N	1797-16365	00000/0000	1-10030/0741	09/28/74	0	1113	47.2	133.8		GGGG	
10105W 4731N	5089-16420	00000/0000	1-10040/0182	07/17/75	60	5185	53.2	124.4		FGFG	
10105W 4327N	1800-16501	00000/0000	1-10030/0880	10/01/74	100	1155	37.9	146.5		GGGG	
10106W 4728N	1927-16502	00000/0000	1-10035/0073	02/05/75	60	2926	20.4	147.1		FGGF	
10106W 4722N	1873-16523	00000/0000	1-10033/0702	12/13/74	20	2173	15.6	154.9		GGGG	
10106W 4721N	1891-16515	00000/0000	1-10033/0518	12/31/74	10	2424	14.9	152.7		FGGG	M
10107W 4729N	1945-16493	00000/0000	1-10034/0630	02/23/75	50	3177	26.0	144.5		GGFG	
10107W 4719N	1765-16561	00000/0000	1-10029/0462	08/27/74	30	667	46.2	139.3		GGPG	
10107W 3018N	1761-16382	00000/0000	1-10029/0192	08/23/74	50	611	54.8	115.4		GGPG	
10108W 3027N	1941-16314	00000/0000	1-10034/0583	02/19/75	10	3121	35.4	134.1		FFGG	
10108W 3014N	1779-16374	00000/0000	00000/0000	09/10/74	20	862	51.5	125.0		PPG	
10109W 3026N	1959-16305	00000/0000	1-10035/0935	03/09/75	70	3372	40.9	129.1		FFGF	
10109W 3019N	1869-16345	00000/0000	1-10032/0957	12/09/74	30	2117	29.3	147.6		FFPF	
10110W 3022N	1995-16291	00000/0000	1-10037/0179	04/14/75	10	3874	52.1	116.4		GGFG	
10110W 3021N	1815-16365	00000/0000	1-10031/0167	10/16/74	0	1364	42.3	140.8		GGGG	
10110W 3021N	1833-16361	00000/0000	1-10031/0906	11/03/74	60	1615	37.2	145.4		PPPG	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10110W 3020N	1851-16353	00000/0000 1-10032/0349	11/21/74	0	1866	32.6	147.6		PPGP	
10110W 3014N	1743-16390	00000/0000 1-10027/1099	08/05/74	90	360	57.3	106.4		GGGG	
10111W 3016N	1887-16340	00000/0000 1-10033/0411	12/27/74	90	2368	27.8	145.7		F P	
10114W 5008N	1784-17002	00000/0000 1-10029/1222	09/15/74	10	932	38.4	147.7		PGGG	
10114W 3016N	5013-16282	00000/0000 1-10037/0640	05/02/75	70	4125	56.0	108.6		GGGG	
10115W 4324N	1908-16463	00000/0000 1-10033/0875	01/17/75	100	2661	19.4	148.3		PPFF	
10115W 3015N	5031-16272	00000/0000 1-10038/0259	05/20/75	10	4376	58.2	101.0		GFGG	
10115W 3015N	5049-16262	00000/0000 1-10038/0624	06/07/75	40	4627	58.6	95.5		FFFF	
10116W 5007N	1766-17010	00000/0000 1-10029/0489	08/28/74	80	681	44.1	142.7		GGGG	
10116W 4304N	1782-16510	00000/0000 1-10029/1207	09/13/74	20	904	43.8	140.5		GGGG	
10116W 3435N	1744-16433	00000/0000 1-10027/1295	08/06/74	70	374	56.5	114.1		GGPP	
10117W 3436N	1762-16425	00000/0000 1-10029/0388	08/24/74	70	625	53.3	122.2		GGGG	
10118W 5006N	1892-16564	00000/0000 1-10033/0556	01/01/75	10	2438	12.8	153.7		FFFF	
10118W 4313N	1818-16501	00000/0000 1-10031/0178	10/19/74	0	1406	32.1	150.7		GGPG	
10118W 4313N	1854-16485	00000/0000 1-10032/0301	11/24/74	0	1908	22.0	154.0		GGGG	
10118W 3443N	1834-16404	00000/0000 00000/0000	11/04/74	10	1629	33.7	148.3		PP P	
10119W 4315N	1836-16493	00000/0000 1-10031/1071	11/06/74	10	1657	26.5	153.3		GGGG	
10119W 4315N	5088-16373	00000/0000 1-10040/0008	07/16/75	20	5171	54.7	117.6		FGFF	
10119W 4313N	1926-16455	00000/0000 1-10034/0132	02/04/75	90	2912	23.2	145.1		GGGG	
10119W 3849N	1781-16463	00000/0000 1-10030/0021	09/12/74	90	890	46.7	135.9		GGPP	
10119W 3448N	1960-16352	00000/0000 1-10035/1017	03/10/75	60	3386	39.0	132.6		GGGG	
10119W 3440N	5086-16284	00000/0000 1-10040/0148	07/14/75	30	5143	56.4	103.2		FFFF	
10119W 3438N	1816-16412	00000/0000 1-10030/1605	10/17/74	0	1378	39.0	144.4		GGGG	
10119W 3435N	1780-16421	00000/0000 1-10030/0041	09/11/74	20	876	49.2	130.7		GGGP	
10120W 4703N	5053-16441	00000/0000 1-10038/0638	06/11/75	40	4683	56.1	124.5		FFFF	
10120W 4315N	1944-16450	00000/0000 1-10038/0005	02/22/75	0	3163	28.5	142.0		PPPP	
10120W 3440N	1924-16370	00000/0000 1-10034/0259	02/02/75	100	2884	28.5	140.8		PPPP	
10120W 3439N	1852-16400	00000/0000 1-10032/0401	11/22/74	10	1880	29.2	149.9		PGGP	
10121W 4308N	1890-16472	00000/0000 1-10033/0471	12/30/74	0	2410	18.2	151.0		GGGG	
10121W 4307N	1746-16522	00000/0000 1-10027/1447	08/08/74	30	402	53.2	128.0		GGG	
10122W 4313N	1962-16442	00000/0000 1-10036/0028	03/12/75	0	3414	34.9	138.9		FFFF	
10122W 4313N	5070-16384	00000/0000 1-10039/0307	06/28/75	10	4920	56.7	116.3		FFFF	
10122W 4305N	1764-16514	00000/0000 1-10029/0353	08/26/74	20	653	48.9	134.1		PGPG	
10122W 3901N	5087-16331	00000/0000 1-10040/0160	07/15/75	10	5157	55.8	110.5		PGGG	
10122W 3857N	1817-16454	00000/0000 1-10030/1670	10/18/74	0	1392	35.6	147.7		PGGG	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
10122W	3852N	1745-16480	00000/0000	1-10027/1371	08/07/74	50	388	55.0	121.3		GGGG				M
10122W	3850N	1763-16472	00000/0000	1-10029/0374	08/25/74	50	639	51.3	128.4		PPPG				M
10122W	3441N	1996-16334	00000/0000	1-10037/0315	04/15/75	0	3888	50.9	121.8		FGGG				
10122W	3438N	1978-16343	00000/0000	1-10036/0516	03/28/75	90	3637	45.3	127.6		FFFF				
10122W	3432N	1888-16389	00000/0000	1-10033/0227	12/28/74	30	2382	24.7	147.6		GG G				
10123W	4311N	1980-16433	00000/0000	1-10036/0526	03/30/75	40	3665	41.6	135.6		FGFG				
10123W	3438N	5068-16295	00000/0000	1-10039/0286	06/26/75	10	4892	58.0	101.3		FGFG				
10124W	3903N	1961-16395	00000/0000	1-10035/0864	03/11/75	100	3400	37.0	135.8		FFFF				
10124W	3856N	1925-16413	00000/0000	1-10034/0266	02/03/75	100	2898	25.9	143.0		GGGG				
10124W	3853N	1871-16434	00000/0000	1-10033/0302	12/11/74	10	2145	22.5	151.4		FF				
10124W	3437N	5050-16305	00000/0000	1-10039/0045	06/08/75	0	4641	58.7	103.1		GGGG				
10124W	3436N	5014-16324	00000/0000	1-10038/0193	05/03/75	0	4139	55.4	115.0		GGGG				
10125W	4310N	5016-16413	00000/0000	1-10037/0604	05/05/75	60	4167	52.9	127.2		FFFF				
10125W	4307N	5052-16394	00000/0000	1-10039/0081	06/10/75	90	4669	57.3	118.0		FGFG				
10125W	3856N	1943-16404	00000/0000	1-10035/0816	02/21/75	40	3149	30.9	139.4		FGGG				
10126W	3849N	1889-16430	00000/0000	1-10033/0502	12/29/74	10	2396	21.5	149.3		FFPF				M
10126W	3431N	5032-16315	00000/0000	1-10038/0295	05/21/75	0	4390	57.9	108.1		FGGF				
10127W	3855N	1997-16380	00000/0000	1-10037/0440	04/16/75	80	3902	49.5	126.9		GGFF				
10127W	3854N	5069-16341	00000/0000	1-10039/0253	06/27/75	20	4906	57.6	108.8		GGGG				M
10127W	3853N	1979-16390	00000/0000	1-10036/0469	03/29/75	0	3651	43.6	131.6		FGGG				M
10127W	2849N	1797-16372	00000/0000	1-10030/0742	09/28/74	0	1113	48.0	132.3		PGPP				
10129W	3853N	5015-16371	00000/0000	1-10037/0561	05/04/75	0	4153	54.3	121.2		GGGG				M
10130W	2851N	1761-16385	00000/0000	1-10029/0193	08/23/74	50	611	55.2	113.3		GGGG				
10132W	2900N	1941-16321	00000/0000	1-10034/0584	02/19/75	50	3121	36.2	133.1		GGFG				
10132W	2847N	1779-16380	00000/0000	00000/0000	09/10/74	0	862	52.1	123.1		PPG				
10134W	2854N	1815-16371	00000/0000	1-10031/0153	10/16/74	0	1364	43.2	139.6		G PG				
10134W	2854N	1851-16355	00000/0000	1-10032/0350	11/21/74	0	1866	33.7	146.8		GGGG				
10134W	2853N	1869-16351	00000/0000	1-10032/0958	12/09/74	90	2117	30.4	146.8		PPFF				
10134W	2847N	1743-16393	00000/0000	1-10027/1100	08/05/74	40	360	57.5	104.0		GGGG				
10135W	2856N	1995-16294	00000/0000	1-10037/0180	04/14/75	0	3874	52.4	114.4		GGGG				
10135W	2855N	1833-16364	00000/0000	1-10031/0907	11/03/74	70	1615	38.2	144.4		PPGP				
10136W	2850N	1887-16343	00000/0000	1-10033/0412	12/27/74	100	2368	28.9	145.0		FF P				
10137W	4556N	1783-16555	00000/0000	1-10029/1172	09/14/74	0	918	41.6	143.6		GGGG				
10137W	2855N	1977-16303	00000/0000	1-10036/0404	03/27/75	10	3623	47.3	121.6		GGGG				
10138W	4604N	1819-16550	00000/0000	1-10031/0249	10/20/74	0	1420	29.6	152.6		GGGG				

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PAGE 0509

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
10138W	4604N	1837-16543	00000/0000	1-10031/0628	11/07/74	30	1671	24.0	154.8		GGPG					M
10138W	4557N	1747-16572	00000/0000	1-10027/1546	08/09/74	60	416	51.6	132.3		GGGG					
10138W	2851N	5013-16284	00000/0000	1-10037/0641	05/02/75	50	4125	56.2	106.3		GGGG					
10139W	4606N	5089-16422	00000/0000	1-10040/0183	07/17/75	30	5185	53.7	122.2		GGGG					
10139W	4602N	1855-16534	00000/0000	1-10032/0474	11/25/74	100	1922	19.5	155.3		GPPP					
10139W	2849N	5049-16265	00000/0000	1-10038/0625	06/07/75	30	4627	58.4	93.0		GGGF					
10139W	2848N	5031-16275	00000/0000	1-10038/0260	05/20/75	0	4376	58.2	98.5		GGGG					
10141W	4602N	1927-16504	00000/0000	1-10035/0075	02/05/75	50	2926	21.4	146.4		FFFG					
10141W	4556N	1891-16522	00000/0000	1-10033/0519	12/31/74	10	2424	16.0	152.1		FGGG					
10141W	4555N	1765-16564	00000/0000	1-10029/0463	08/27/74	20	667	47.0	137.7		GGFG					
10142W	4602N	5071-16433	00000/0000	1-10039/0291	06/29/75	60	4934	55.9	121.1		G FG					
10142W	4557N	1873-16530	00000/0000	1-10033/0703	12/13/74	30	2173	16.7	154.3		GGGG					
10142W	3310N	1744-16435	00000/0000	1-10027/1296	08/06/74	70	374	56.8	111.8		GGPP					
10143W	3310N	1762-16431	00000/0000	1-10029/0389	08/24/74	70	625	53.8	120.1		GGG					
10144W	3317N	1834-16410	00000/0000	00000/0000	11/04/74	0	1629	34.8	147.4		P					
10145W	3322N	1960-16355	00000/0000	1-10035/1018	03/10/75	0	3386	39.8	131.4		FGGG					
10145W	3313N	1816-16414	00000/0000	1-10030/1506	10/17/74	0	1378	40.0	143.3		PGGG					
10145W	3310N	1780-16423	00000/0000	1-10030/0042	09/11/74	0	876	49.9	129.0		GGPG					
10146W	4159N	1908-16470	00000/0000	1-10033/0874	01/17/75	100	2661	20.5	147.6		P F F					
10146W	3314N	1924-16372	00000/0000	1-10034/0260	02/02/75	100	2884	29.4	140.0		PPFG					
10146W	3314N	5086-16291	00000/0000	1-10040/0149	07/14/75	20	5143	56.4	100.8		FGFG					
10146W	3313N	1852-16402	00000/0000	1-10032/0402	11/22/74	10	1880	30.3	149.2		GGGP					
10147W	4139N	1782-16512	00000/0000	1-10029/1208	09/13/74	50	904	44.7	139.1		GGGG					
10148W	4850N	1802-17000	00000/0000	1-10030/0949	10/03/74	30	1183	33.2	151.1		PGGG					
10148W	4556N	5035-16453	00000/0000	1-10038/0360	05/24/75	10	4432	55.2	126.4		PGG					
10148W	3724N	1781-16470	00000/0000	1-10030/0022	09/12/74	100	890	47.5	134.3		GGPG					
10148W	3315N	1996-16340	00000/0000	1-10037/0316	04/15/75	0	3888	51.4	119.9		GGGG					
10148W	3313N	5068-16301	00000/0000	1-10039/0287	06/26/75	0	4892	58.0	98.8		GGG					
10148W	3312N	1978-16350	00000/0000	1-10036/0517	03/28/75	70	3637	45.9	126.0		GFFP					
10148W	3306N	1888-16390	00000/0000	1-10033/0228	12/28/74	70	2382	25.7	146.9		GG G					
10149W	4147N	1818-16504	00000/0000	1-10031/0179	10/19/74	0	1406	33.2	149.8		GGGG					
10150W	4149N	1836-16500	00000/0000	1-10031/1072	11/06/74	30	1657	27.7	152.5		GGGG					
10150W	4147N	1854-16492	00000/0000	1-10032/0302	11/24/74	10	1908	23.1	153.4		GGGG					
10150W	3734N	5087-16333	00000/0000	1-10040/0161	07/15/75	10	5157	56.0	108.2		GGGG					M
10150W	3731N	1817-16461	00000/0000	1-10030/1184	10/18/74	0	1392	36.7	146.7		GGGG					

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS			
LONG	LAT											123	45678	B	P
10150W	3726N	1745-16482	00000/0000	1-10027/1372	08/07/74	10	388	55.5	119.1		GGGG		M		
10150W	3725N	1763-16474	00000/0000	1-10029/0375	08/25/74	50	639	51.9	126.5		GPGG				
10150W	3311N	5050-16311	00000/0000	1-10039/0046	06/08/75	0	4641	58.7	100.5		FGGG				
10150W	3310N	5014-16331	00000/0000	1-10038/0194	05/03/75	20	4139	55.7	112.7		GGFG				
10150W	2724N	1797-16374	00000/0000	1-10030/0743	09/28/74	0	1113	48.8	130.7		GGPG				
10151W	4150N	1944-16453	00000/0000	1-10038/0006	02/22/75	10	3163	29.4	141.1		GFGG				
10151W	4149N	5088-16380	00000/0000	1-10040/0009	07/16/75	30	5171	55.1	115.3		GFFF				
10152W	4854N	1856-16583	00000/0000	1-10032/0510	11/26/74	10	1936	17.0	156.6		PPP				
10152W	4143N	1872-16483	00000/0000	1-10032/1008	12/12/74	50	2159	20.2	152.5		PFFF				
10152W	4142N	1746-16525	00000/0000	1-10027/1448	08/08/74	20	402	53.8	125.9		GGGG				
10152W	4142N	1890-16475	00000/0000	1-10033/0485	12/30/74	0	2410	19.3	150.4		FFTF				
10152W	3737N	1961-16401	00000/0000	1-10035/0865	03/11/75	100	3400	37.8	134.7		FFFF				
10152W	3730N	1925-16415	00000/0000	1-10034/0267	02/03/75	90	2898	26.8	142.2		GGGG				
10152W	3728N	1871-16441	00000/0000	1-10033/0303	12/11/74	10	2145	23.7	150.8		FFF				
10152W	3305N	5032-16321	00000/0000	1-10038/0296	05/21/75	10	4390	58.1	105.6		FFGG			M	
10153W	4849N	1874-16575	00000/0000	1-10033/0064	12/14/74	70	2187	14.3	155.4		FGG				
10153W	4844N	1784-17004	00000/0000	1-10029/1223	09/15/74	10	932	39.4	146.4		PGGG		M		
10153W	4148N	1962-16444	00000/0000	1-10036/0029	03/12/75	10	3414	35.7	137.8		FGGG				
10153W	4147N	5070-16390	00000/0000	1-10039/0308	06/28/75	10	4920	57.1	113.9		GGGG				
10153W	4139N	1764-16521	00000/0000	1-10029/0354	08/26/74	10	653	49.6	132.4		GGPG				
10153W	3731N	1943-16410	00000/0000	1-10035/0817	02/21/75	70	3149	31.8	138.5		GFGF				
10153W	2725N	1761-16391	00000/0000	1-10029/0194	08/23/74	60	611	55.5	111.1		GGGG				
10154W	4855N	1838-16592	00000/0000	1-10031/1101	11/08/74	100	1685	21.4	156.4		PPP				
10154W	4854N	1946-16545	00000/0000	1-10035/0279	02/24/75	50	3191	25.4	145.3		FGGG				
10154W	4851N	1730-17025	00000/0000	1-10027/0552	07/23/74	10	179	53.7	132.6		GPGG		M		M
10154W	4842N	1766-17013	00000/0000	1-10029/0490	08/28/74	60	681	45.0	141.2		GGGG				
10154W	4538N	5053-16444	00000/0000	1-10038/0639	06/11/75	30	4683	56.6	122.1		FFFF				
10154W	4146N	1980-16435	00000/0000	1-10036/0527	03/30/75	40	3665	42.4	134.2		PFGG				
10154W	3724N	1889-16432	00000/0000	1-10033/0503	12/29/74	50	2396	22.5	148.7		FF F				
10155W	4855N	1820-17000	00000/0000	1-10031/0274	10/21/74	30	1434	27.0	154.5		PPPG				
10155W	3729N	1997-16383	00000/0000	1-10037/0441	04/16/75	20	3902	50.2	125.1		GGGG				
10155W	3729N	5069-16344	00000/0000	1-10039/0254	06/27/75	10	4906	57.8	106.3		GFGG				
10155W	3728N	1979-16392	00000/0000	1-10036/0470	03/29/75	20	3651	44.3	130.2		GGGG				
10156W	4848N	1928-16554	00000/0000	1-10035/0297	02/06/75	50	2940	19.8	147.7		FGGG				
10156W	4847N	1910-16562	00000/0000	1-10033/0887	01/19/75	80	2689	15.7	150.4		GFFG				

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10156W 4846N	1748-17021	00000/0000	1-10027/1564	08/10/74	40	430	49.9	136.3		GGGG	M
10156W 4145N	5016-16420	00000/0000	1-10037/0605	05/05/75	70	4167	53.4	125.1		FGFG	
10156W 4141N	5052-16400	00000/0000	1-10039/0082	06/10/75	100	4669	57.7	115.5		FGFF	
10156W 2734N	1941-16323	00000/0000	1-10034/0585	02/19/75	70	3121	37.0	132.1		FGGF	
10156W 2722N	1779-16383	00000/0000	00000/0000	09/10/74	10	862	52.6	121.2		PPG	
10157W 4854N	5072-16482	00000/0000	1-10039/0156	06/30/75	10	4948	54.8	125.8		GGG	M
10157W 4841N	1892-16571	00000/0000	1-10033/0557	01/01/75	10	2438	13.9	153.1		FGFF	
10157W 3728N	5015-16373	00000/0000	1-10037/0562	05/04/75	0	4153	54.8	119.0		FGGG	
10157W 2720N	1743-16395	00000/0000	1-10027/1101	08/05/74	50	360	57.5	101.6		GGGG	
10158W 2727N	1851-16362	00000/0000	1-10032/0351	11/21/74	0	1866	34.8	146.0		GGGG	
10158W 2727N	1869-16354	00000/0000	1-10032/0959	12/09/74	100	2117	31.5	146.1		FFPP	
10159W 4434N	1801-16553	00000/0000	1-10030/0916	10/02/74	0	1169	36.7	147.7		GGGG	
10159W 2730N	1995-16300	00000/0000	1-10037/0181	04/14/75	10	3874	52.8	112.4		GG G	
10159W 2729N	1833-16370	00000/0000	1-10031/0908	11/03/74	30	1615	39.2	143.5		PGG	
10159W 2724N	1887-16345	00000/0000	1-10033/0413	12/27/74	80	2368	29.9	144.3		FF	
10201W 4849N	5054-16492	00000/0000	1-10038/0549	06/12/75	10	4697	55.4	127.3		FFFF	
10204W 4846N	5036-16502	00000/0000	1-10038/0436	05/25/75	90	4446	54.1	130.5		FFFF	
10207W 3142N	1762-16434	00000/0000	1-10029/0390	08/24/74	70	625	54.2	118.1		GPP	
10208W 3144N	1744-16442	00000/0000	1-10027/1297	08/06/74	60	374	57.0	109.4		GGPP	
10209W 3144N	1780-16430	00000/0000	1-10030/0043	09/11/74	0	876	50.6	127.3		GGPP	
10210W 4431N	1783-16562	00000/0000	1-10029/1173	09/14/74	0	918	42.6	142.3		GGGG	
10210W 3150N	1834-16413	00000/0000	00000/0000	11/04/74	30	1629	35.9	146.5		P P	
10211W 4439N	1837-16545	00000/0000	1-10031/0629	11/07/74	10	1671	25.1	154.1		GGPG	
10211W 3156N	1960-16361	00000/0000	1-10035/1019	03/10/75	0	3386	40.5	130.1		GGGG	
10211W 3148N	1816-16421	00000/0000	1-10030/1607	10/17/74	0	1378	41.0	142.2		GGGG	
10211W 3148N	1924-16375	00000/0000	1-10034/0261	02/02/75	100	2884	30.3	139.2		GPPG	
10211W 3148N	5086-16293	00000/0000	1-10040/0150	07/14/75	10	5143	56.4	98.4		FGFF	
10211W 3146N	1852-16405	00000/0000	1-10032/0403	11/22/74	20	1880	31.4	148.4		PPGP	
10212W 4440N	5089-16425	00000/0000	1-10040/0184	07/17/75	0	5185	54.2	120.0		GGFF	
10212W 4439N	1819-16553	00000/0000	1-10031/0250	10/20/74	0	1420	30.7	151.7		GGGG	
10212W 4437N	1855-16541	00000/0000	1-10032/0475	11/25/74	100	1922	20.7	154.7		PPGG	
10212W 3147N	5068-16304	00000/0000	1-10039/0288	06/26/75	10	4892	57.9	96.3		FGGG	
10213W 3146N	1978-16352	00000/0000	1-10036/0518	03/28/75	90	3637	46.5	124.5		GGFP	
10213W 3142N	1888-16392	00000/0000	1-10033/0229	12/28/74	90	2382	26.8	146.2		GG F	
10214W 4437N	1927-16511	00000/0000	1-10035/0076	02/05/75	90	2926	22.4	145.6		FPF	

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10214W 4430N	1765-16570	00000/0000 1-10029/0464	08/27/74	20	667	47.9	136.1		PGPG	
10214W 3149N	1996-16343	00000/0000 1-10037/0317	04/15/75	0	3888	51.9	118.0		GGGF	
10215W 4439N	1945-16502	00000/0000 1-10034/0631	02/23/75	70	3177	27.9	142.7		GGGG	
10215W 4432N	1873-16532	00000/0000 1-10033/0704	12/13/74	20	2173	17.9	153.6		GGGG	
10215W 4431N	1891-16524	00000/0000 1-10033/0520	12/31/74	10	2424	17.1	151.5		FGGG	
10215W 4431N	1909-16520	00000/0000 1-10033/0472	01/18/75	100	2675	18.7	148.6		FFPF	
10215W 3145N	5050-16314	00000/0000 1-10039/0047	06/08/75	10	4641	58.7	98.0		FFGF	
10215W 3144N	5014-16333	00000/0000 1-10038/0195	05/03/75	10	4139	56.0	110.5		FGGF	
10216W 4437N	5071-16435	00000/0000 1-10039/0292	06/29/75	10	4934	56.3	118.7		F GF	
10216W 4033N	1908-16472	00000/0000 1-10033/0876	01/17/75	40	2661	21.5	147.0		FFPF	
10216W 3559N	1781-16472	00000/0000 1-10030/0023	09/12/74	100	890	48.3	132.8		PPPG	
10216W 3140N	5032-16324	00000/0000 1-10038/0297	05/21/75	0	4390	58.2	103.1		FFGG	
10217W 4013N	1782-16515	00000/0000 1-10029/1209	09/13/74	70	904	45.6	137.7		GGGG	
10217W 3608N	5087-16340	00000/0000 1-10040/0162	07/15/75	10	5157	56.2	105.8		FFFF	
10217W 3601N	1745-16485	00000/0000 1-10027/1373	08/07/74	10	388	55.9	116.8		GGGG	
10218W 3605N	1817-16463	00000/0000 1-10030/1185	10/18/74	0	1392	37.7	145.7		GGGG	
10218W 3600N	1763-16481	00000/0000 1-10029/0376	08/25/74	70	639	52.5	124.6		GPGG	
10219W 4022N	1818-16510	00000/0000 1-10031/0180	10/19/74	10	1406	34.3	148.8		GGGG	
10219W 3612N	1961-16404	00000/0000 1-10035/0866	03/11/75	100	3400	38.6	133.5		FFGF	
10219W 3604N	1925-16422	00000/0000 1-10034/0268	02/03/75	90	2898	27.8	141.4		GGGG	
10220W 4024N	1836-16502	00000/0000 1-10031/1073	11/06/74	60	1657	28.8	151.8		GPGG	
10220W 3605N	1943-16413	00000/0000 1-10035/0818	02/21/75	90	3149	32.7	137.5		FFFG	
10220W 3602N	1871-16443	00000/0000 1-10033/0304	12/11/74	10	2145	24.8	150.1		GFF	
10221W 4431N	5035-16460	00000/0000 1-10038/0361	05/24/75	10	4432	55.7	124.1		FGGG	
10221W 4023N	1926-16464	00000/0000 1-10034/0133	02/04/75	100	2912	25.1	143.5		GGGG	
10221W 4023N	5088-16382	00000/0000 1-10040/0010	07/16/75	30	5171	55.4	113.0		GFFG	
10221W 4022N	1854-16494	00000/0000 1-10032/0821	11/24/74	10	1908	24.3	152.7		FGPG	
10221W 4018N	1872-16490	00000/0000 1-10032/1009	12/12/74	10	2159	21.3	151.9		FFFG	
10221W 4017N	1746-16531	00000/0000 1-10027/1449	08/08/74	30	402	54.3	123.8		GGGG	
10221W 3558N	1889-16435	00000/0000 1-10033/0504	12/29/74	70	2396	23.6	148.1		FFG	
10222W 4024N	1944-16455	00000/0000 1-10038/0007	02/22/75	50	3163	30.3	140.1		FGGF	
10222W 4022N	5070-16393	00000/0000 1-10039/0309	06/28/75	10	4920	57.3	111.4		FGGG	
10222W 4017N	1890-16481	00000/0000 1-10033/0486	12/30/74	10	2410	20.4	149.8		FFPF	
10222W 4014N	1764-16523	00000/0000 1-10029/0355	08/26/74	10	653	50.4	130.6		PPPG	
10222W 3604N	1997-16385	00000/0000 1-10037/0442	04/16/75	0	3902	50.7	123.2		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	SRBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P
LONG	LAT		RBV	MSS						123	45678	C C D D
10222W	3603N	5069-16350	00000/0000	1-10039/0255	06/27/75	0	4906	57.9	103.8		GGFF	
10222W	3602N	1979-16395	00000/0000	1-10036/0471	03/29/75	90	3651	45.0	128.7		FGGG	
10223W	4022N	1962-16451	00000/0000	1-10036/0030	03/12/75	10	3414	36.6	196.7		GGGG	
10224W	4725N	1802-17003	00000/0000	1-10030/0950	10/03/74	30	1183	34.3	150.1		GGG	
10224W	4020N	1980-16442	00000/0000	1-10036/0528	03/30/75	0	3665	43.2	192.8		GGFG	
10225W	4018N	1998-16432	00000/0000	1-10037/0292	04/17/75	10	3916	49.2	128.3		F GG	
10225W	3603N	5015-16380	00000/0000	1-10037/0563	05/04/75	20	4153	55.2	116.8		GGFG	
10226W	4019N	5016-16422	00000/0000	1-10037/0606	05/05/75	20	4167	54.0	123.0		FGGG	
10226W	4016N	5052-16403	00000/0000	1-10039/0083	06/10/75	100	4669	58.0	112.9		GGFG	
10227W	4411N	5053-16450	00000/0000	1-10038/0640	06/11/75	40	4683	57.0	119.6		FFFF	
10229W	4729N	1856-16590	00000/0000	1-10032/0511	11/26/74	0	1936	18.1	156.0		FGGG	
10229W	4719N	1784-17011	00000/0000	1-10029/1224	09/15/74	10	932	40.4	145.2		FGGG	
10230W	4727N	1730-17031	00000/0000	1-10027/0553	07/23/74	0	179	54.4	130.5		GGG	
10230W	4724N	1874-16582	00000/0000	1-10033/0065	12/14/74	100	2187	15.5	154.8		FGGG	
10230W	4717N	1766-17015	00000/0000	1-10029/0491	08/28/74	50	681	45.9	139.6		GGGG	
10230W	4012N	5034-16413	00000/0000	1-10038/0273	05/23/75	40	4418	57.0	117.2		GGGG	
10230W	3015N	1762-16440	00000/0000	1-10029/0391	08/24/74	50	625	54.7	116.0		GPGG	
10231W	4730N	1838-16594	00000/0000	1-10031/1102	11/08/74	90	1685	22.6	155.6		PP	
10231W	4730N	1946-16551	00000/0000	1-10035/0280	02/24/75	40	3191	26.3	144.4		FGGF	
10231W	4730N	5090-16474	00000/0000	1-10040/0015	07/18/75	20	5199	53.1	124.6		GGGF	
10232W	4730N	1820-17002	00000/0000	1-10031/0275	10/21/74	40	1434	28.1	153.7		PPPG	
10233W	4729N	5072-16484	00000/0000	1-10039/0157	06/30/75	50	4948	55.3	123.5		GGFG	
10233W	4723N	1928-16560	00000/0000	1-10035/0298	02/06/75	30	2940	20.8	146.9		GGGG	
10233W	4721N	1748-17023	00000/0000	1-10027/1565	08/10/74	100	430	50.6	134.4		GGGG	M
10233W	4717N	1892-16573	00000/0000	1-10033/0558	01/01/75	10	2438	15.0	152.5		FGFF	
10233W	3018N	1744-16444	00000/0000	1-10027/1298	08/06/74	60	374	57.2	107.0		GGPP	
10234W	3019N	1780-16432	00000/0000	1-10030/0044	09/11/74	0	876	51.3	125.5		GGPG	
10235W	3022N	1816-16423	00000/0000	1-10030/1608	10/17/74	0	1378	42.0	141.1		GGGG	
10236W	3023N	1834-16415	00000/0000	00000/0000	11/04/74	70	1629	36.9	145.6		P	
10236W	3022N	1924-16381	00000/0000	1-10034/0262	02/02/75	100	2884	31.2	138.4		FPPG	
10236W	3021N	5086-16300	00000/0000	1-10040/0151	07/14/75	10	5143	56.3	96.1		FFFF	
10236W	3020N	1852-16411	00000/0000	1-10032/0404	11/22/74	50	1880	32.4	147.7		PPPP	
10237W	4725N	5054-16495	00000/0000	1-10038/0650	06/12/75	10	4697	55.9	124.9		FFFF	
10237W	3029N	1960-16364	00000/0000	1-10035/1020	03/10/75	0	3386	41.2	128.9		GGGG	
10237W	3022N	5068-16310	00000/0000	1-10039/0289	06/26/75	10	4892	57.8	93.8		FFGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BLANK NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS						123	45678	
10238W	5010N	1785-17060	00000/0000	1-10030/0243	09/16/74	10	946	38.0	148.0		PGPG	
10238W	3023N	1996-16345	00000/0000	1-10037/0318	04/15/75	0	3888	52.3	116.0		GGGG	
10238W	3021N	1978-16355	00000/0000	1-10036/0519	03/28/75	40	3637	47.1	122.9		FGFP	
10238W	3016N	1888-16395	00000/0000	1-10033/0230	12/28/74	90	2382	27.8	145.6		GF G	
10239W	3018N	5014-16340	00000/0000	1-10038/0196	05/03/75	10	4139	56.2	108.2		GGGG	
10239W	3018N	5050-16320	00000/0000	1-10039/0048	06/08/75	10	4641	58.6	95.4		FGGG	
10240W	4722N	5036-16505	00000/0000	1-10038/0437	05/25/75	80	4446	54.7	128.3		FFFG	
10241W	3015N	5032-16330	00000/0000	1-10038/0298	05/21/75	10	4390	58.2	100.6		FFFF	
10242W	4306N	1783-16564	00000/0000	1-10029/1174	09/14/74	0	918	43.5	140.9		GGGG	
10243W	5010N	1749-17072	00000/0000	1-10027/1593	08/11/74	70	444	48.8	138.3		GGGG	
10243W	5007N	1767-17064	00000/0000	1-10029/0585	08/29/74	20	695	43.9	143.0		GGGG	
10243W	4307N	1747-16581	00000/0000	1-10027/1461	08/09/74	90	416	52.9	128.3		GGGG	
10243W	3442N	5087-16342	00000/0000	1-10040/0163	07/15/75	20	5157	56.2	103.4		FFFF	
10243W	3436N	1745-16491	00000/0000	1-10027/1374	08/07/74	10	388	56.3	114.5		GGGG	
10243W	3434N	1781-16475	00000/0000	1-10030/0024	09/12/74	80	890	49.0	131.1		GPPG	
10244W	4315N	5089-16431	00000/0000	1-10040/0185	07/17/75	0	5185	54.6	117.7		FGGG	
10244W	4313N	1837-16552	00000/0000	1-10031/0630	11/07/74	0	1671	26.3	153.4		GGPG	
10244W	3440N	1817-16470	00000/0000	1-10030/1186	10/18/74	0	1392	38.7	144.7		GPGG	
10244W	3434N	1763-16483	00000/0000	1-10029/0377	08/25/74	60	639	53.1	122.6		GPPG	
10245W	5010N	1929-17005	00000/0000	1-10034/0142	02/07/75	10	2954	19.1	148.3		GGGG	
10245W	4314N	1819-16555	00000/0000	1-10031/0251	10/20/74	0	1420	31.8	150.9		GGGG	
10245W	4312N	1855-16543	00000/0000	1-10032/0476	11/25/74	100	1922	21.8	154.0		PPPG	
10245W	3907N	1908-16475	00000/0000	1-10033/0877	01/17/75	10	2661	22.5	146.3		FGGG	
10245W	3847N	1782-16521	00000/0000	1-10029/1210	09/13/74	90	904	46.4	136.2		GGGG	
10246W	5008N	1893-17022	00000/0000	1-10033/0584	01/02/75	90	2452	12.8	153.6		FFPG	
10246W	4312N	1927-16513	00000/0000	1-10035/0077	02/05/75	80	2926	23.4	144.9		FFFF	
10246W	4304N	1765-16573	00000/0000	1-10029/0465	08/27/74	40	667	48.6	134.5		GGPG	
10246W	3446N	1961-16410	00000/0000	1-10035/0867	03/11/75	90	3400	39.4	132.3		FFGF	
10246W	3439N	1853-16454	00000/0000	1-10032/0601	11/23/74	0	1894	29.0	149.9		G GG	
10246W	3439N	1925-16424	00000/0000	1-10034/0269	02/03/75	100	2898	28.7	140.6		GGGG	
10246W	3439N	1943-16415	00000/0000	1-10035/0819	02/21/75	100	3149	33.5	136.6		FGGG	
10246W	3436N	1871-16450	00000/0000	1-10033/0305	12/11/74	10	2145	25.9	149.5		FFG	
10247W	4313N	1945-16505	00000/0000	1-10034/0632	02/23/75	80	3177	28.8	141.8		GGGG	
10247W	4307N	1873-16535	00000/0000	1-10033/0705	12/13/74	60	2173	19.0	153.0		GGGG	
10247W	4305N	1891-16531	00000/0000	1-10033/0521	12/31/74	10	2424	18.2	150.9		GPGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLCUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10248W 4311N	5071-16442	00000/0000 1-10039/0293	06/29/75	10	4934	56.7	116.3		F FF	
10248W 4305N	1909-16522	00000/0000 1-10033/0473	01/18/75	90	2675	19.8	147.9		FFFF	
10248W 3437N	1979-16401	00000/0000 1-10036/0472	03/29/75	100	3651	45.6	127.2		FGGF	
10248W 3437N	5069-16353	00000/0000 1-10039/0256	06/27/75	10	4906	57.9	101.2		FGFG	
10248W 3432N	1889-16441	00000/0000 1-10033/0505	12/29/74	60	2396	24.7	147.4		FF F	
10249W 3858N	1836-16505	00000/0000 1-10031/1074	11/06/74	80	1657	29.9	151.0		GGGG	
10249W 3857N	1818-16513	00000/0000 1-10031/0181	10/19/74	0	1406	35.3	147.9		PGGG	
10249W 3438N	1997-16392	00000/0000 1-10037/0443	04/16/75	10	3902	51.2	121.4		GGGG	
10250W 3857N	1926-16471	00000/0000 1-10034/0134	02/04/75	100	2912	26.1	142.8		GGFG	
10250W 3857N	5088-16385	00000/0000 1-10040/0011	07/16/75	10	5171	55.7	110.7		GGFG	
10250W 3856N	1854-16501	00000/0000 1-10032/0822	11/24/74	0	1908	25.4	152.0		FGGG	
10250W 3853N	1872-16492	00000/0000 1-10032/1010	12/12/74	0	2159	22.4	151.3		GGG	
10250W 3852N	1746-16534	00000/0000 1-10027/1450	08/08/74	40	402	54.9	121.7		PGGG	
10250W 3850N	1764-16530	00000/0000 1-10029/0356	08/26/74	20	653	51.0	128.8		PP G	
10250W 3435N	5051-16363	00000/0000 1-10039/0128	06/09/75	50	4655	58.7	102.9		GGFG	
10251W 5007N	5073-16534	00000/0000 1-10039/0358	07/01/75	20	4962	54.2	127.7		GGGG	
10251W 3857N	1944-16462	00000/0000 1-10035/0310	07/22/75	70	3161	31.2	139.2		FFGF	
10251W 3857N	5070-16395	00000/0000 1-10039/0310	06/28/75	10	4920	57.5	108.9		GGGG	
10251W 3852N	1890-16484	00000/0000 1-10033/0487	12/30/74	20	2410	21.4	149.2		FFFF	
10251W 3437N	5015-16382	00000/0000 1-10037/0564	05/04/75	40	4153	55.5	114.6		GGFG	
10253W 4306N	5035-16462	00000/0000 1-10038/0362	05/24/75	10	4432	56.2	121.8		FFGG	
10253W 3856N	1962-16453	00000/0000 1-10036/0031	03/12/75	70	3414	37.4	135.5		FGFG	
10253W 3852N	1998-16435	00000/0000 1-10037/0293	04/17/75	0	3916	49.9	126.5		FGGG	
10253W 2850N	1762-16443	00000/0000 1-10029/0392	08/24/74	50	625	55.0	113.8		GGG	
10254W 3855N	1980-16444	00000/0000 1-10036/0529	03/30/75	0	3665	43.9	131.4		GGFG	
10255W 3853N	5016-16425	00000/0000 1-10037/0607	05/05/75	0	4167	54.5	120.9		FGGG	
10255W 3851N	5052-16405	00000/0000 1-10039/0084	06/10/75	90	4669	58.3	110.4		GFTG	
10256W 2851N	1744-16451	00000/0000 1-10027/1299	08/06/74	50	374	57.4	104.6		GGPP	
10257W 2852N	1780-16435	00000/0000 1-10030/0045	09/11/74	0	876	51.9	123.7		GGGG	
10258W 4246N	5053-16453	00000/0000 1-10038/0641	06/11/75	40	4683	57.4	117.2		GGGF	
10258W 3847N	5034-16420	00000/0000 1-10038/0274	05/23/75	40	4418	57.4	114.8		GGGG	
10259W 4600N	1802-17005	00000/0000 1-10030/0951	10/03/74	60	1183	35.3	149.0		PGGG	
10259W 2856N	1816-16430	00000/0000 1-10030/1609	10/17/74	0	1378	42.9	139.9		GGGG	M M
10300W 2856N	1924-16384	00000/0000 1-10034/0263	02/02/75	100	2884	32.1	137.5		PPPG	
10301W 2903N	1960-16370	00000/0000 1-10035/1021	03/10/75	0	3386	41.9	127.6		GGGG	

KEYS: CLCUD COVER % 0 TO 100 = % CLCUD COVER. ** = NO CLCUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAD NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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OF POOR QUALITY

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10301W 2856N	5068-16313	00000/0000	1-10039/0290	06/26/75	10	4892	57.6	91.4		GGGF	
10301W 2854N	1852-16414	00000/0000	1-10032/0405	11/22/74	10	1880	33.5	146.9		GPPP	
10302W 2857N	1996-16352	00000/0000	1-10037/0319	04/15/75	60	3888	52.7	114.0		GGGF	
10302W 2854N	1978-16361	00000/0000	1-10036/0520	03/28/75	0	3637	47.6	121.3		GGFP	
10302W 2850N	1888-16401	00000/0000	1-10033/0231	12/28/74	70	2382	28.8	144.9		GGPF	
10303W 2852N	5050-16323	00000/0000	1-10039/0049	06/08/75	10	4641	58.4	92.9		FGGF	
10304W 4604N	1856-16592	00000/0000	1-10032/0512	11/26/74	10	1936	19.3	155.3		PGGG	
10304W 4554N	1784-17013	00000/0000	1-10029/1225	09/15/74	20	932	41.3	143.9		PPGP	
10304W 4551N	1766-17022	00000/0000	1-10029/0492	08/28/74	50	681	46.8	138.1		GGGG	
10304W 2852N	5014-16342	00000/0000	1-10038/0197	05/03/75	20	4139	56.4	105.8		GGGG	
10305W 4602N	1730-17034	00000/0000	1-10027/0554	07/23/74	10	179	55.0	128.3		PGG	M
10305W 2849N	5032-16333	00000/0000	1-10038/0299	05/21/75	0	4390	58.2	98.1		FFGG	
10306W 4605N	5090-16480	00000/0000	1-10040/0016	07/18/75	10	5199	53.6	122.4		FGGG	
10306W 4604N	1838-17001	00000/0000	1-10031/1103	11/08/74	60	1685	23.7	154.9		PPPP	
10306W 4559N	1874-16584	00000/0000	1-10033/0066	12/14/74	70	2187	16.6	154.2		GFPG	
10307W 4604N	1946-16554	00000/0000	1-10035/0281	02/24/75	20	3191	27.3	143.5		GGGG	
10307W 4604N	5072-16491	00000/0000	1-10039/0158	06/30/75	20	4948	55.8	121.1		GGFG	
10307W 4557N	1910-16571	00000/0000	1-10033/0888	01/19/75	10	2689	17.8	149.1		GFFF	
10308W 4605N	1820-17005	00000/0000	1-10031/0276	10/21/74	70	1434	29.3	152.8		PPPP	
10308W 4558N	1928-16563	00000/0000	1-10035/0299	02/06/75	60	2940	21.8	146.2		FFGG	
10308W 4556N	1748-17030	00000/0000	1-10027/1470	08/10/74	100	430	51.4	132.5		G GG	
10308W 3309N	1781-16481	00000/0000	1-10030/0025	09/12/74	70	890	49.7	129.5		PPPG	
10309W 4552N	1892-16580	00000/0000	1-10033/0559	01/01/75	0	2438	16.1	151.9		FFFF	
10309W 3316N	5087-16345	00000/0000	1-10040/0164	07/15/75	30	5157	56.3	101.1		FGGG	
10309W 3310N	1745-16494	00000/0000	1-10027/1375	08/07/74	20	388	56.6	112.2		GGGG	
10309W 3308N	1763-16490	00000/0000	1-10029/0378	08/25/74	70	639	53.6	120.6		PPGG	
10310W 3314N	1817-16472	00000/0000	1-10030/1187	10/18/74	0	1392	39.7	143.6		GPGG	
10312W 4559N	5054-16501	00000/0000	1-10038/0651	06/12/75	10	4697	56.5	122.5		GGGF	
10312W 3320N	1961-16413	00000/0000	1-10035/0868	03/11/75	80	3400	40.1	131.1		FFFG	
10312W 3313N	1853-16460	00000/0000	1-10032/0602	11/23/74	10	1894	30.1	149.2		GPGG	
10312W 3313N	1925-16431	00000/0000	1-10034/0270	02/03/75	100	2898	29.6	139.8		GGGG	
10312W 3313N	1943-16422	00000/0000	1-10035/0820	02/21/75	100	3149	34.4	135.6		GFGG	
10312W 3310N	1871-16452	00000/0000	1-10033/0306	12/11/74	50	2145	26.9	148.8		FFG	
10313W 4853N	1803-17055	00000/0000	1-10030/0988	10/04/74	100	1197	32.8	151.3		GPGP	
10313W 4141N	1783-16571	00000/0000	1-10029/1175	09/14/74	0	918	44.4	139.5		PGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS						123	45678	
10313W	3742N	1908-16481	00000/0000	1-10033/0878	01/17/75	0	2661	23.5	145.6		FFFG	
10313W	3311N	1979-16404	00000/0000	1-10036/0473	03/29/75	100	3651	46.3	125.7		GGGF	
10314W	3722N	1782-16524	00000/0000	1-10029/1211	09/13/74	90	904	47.2	134.7		GGGP	
10314W	3312N	5069-16355	00000/0000	1-10039/0257	06/27/75	10	4906	57.9	98.7		GGGF	
10314W	3306N	1889-16444	00000/0000	1-10033/0506	12/29/74	50	2396	25.7	146.8		FF F	
10315W	3312N	1997-16394	00000/0000	1-10037/0444	04/16/75	10	3902	51.7	119.4		GGFF	
10316W	4557N	5036-16511	00000/0000	1-10038/0438	05/25/75	60	4446	55.3	126.1		GGGG	
10316W	4149N	1819-16562	00000/0000	1-10031/0252	10/20/74	0	1420	32.9	150.0		GGPG	
10316W	4149N	5089-16434	00000/0000	1-10040/0186	07/17/75	10	5185	55.0	115.5		FGFG	
10316W	4148N	1837-16554	00000/0000	1-10031/0631	11/07/74	0	1671	27.4	152.6		GGGG	
10316W	4147N	1855-16550	00000/0000	1-10032/0612	11/25/74	90	1922	22.9	153.4		GGGG	
10316W	3310N	5051-16365	00000/0000	1-10039/0129	06/09/75	40	4655	58.7	100.3		GGFG	
10317W	4857N	1839-17050	00000/0000	1-10031/1116	11/09/74	30	1699	21.1	156.5		PGPG	
10317W	4845N	1785-17062	00000/0000	1-10030/0244	09/16/74	10	946	39.0	146.7		GG G	M
10317W	4147N	1927-16520	00000/0000	1-10035/0078	02/05/75	90	2926	24.4	144.1		FGGF	
10317W	4139N	1765-16575	00000/0000	1-10029/0466	08/27/74	30	667	49.4	132.7		PGGG	
10317W	3724N	1764-16532	00000/0000	1-10029/0357	08/26/74	70	653	51.7	126.9		PP P	
10317W	2725N	1762-16445	00000/0000	1-10029/0393	08/24/74	30	625	55.3	111.6		PGP	
10318W	4850N	1857-17042	00000/0000	1-10032/0541	11/27/74	30	1950	16.8	156.6		PGPP	
10318W	4147N	1945-16511	00000/0000	1-10034/0633	02/23/75	90	3177	29.8	140.9		GGGG	
10318W	4147N	5071-16444	00000/0000	1-10039/0294	06/29/75	10	4934	57.0	113.8		FFFF	
10318W	4141N	1873-16541	00000/0000	1-10033/0706	12/13/74	60	2173	20.1	152.4		GGGG	
10318W	4140N	1891-16533	00000/0000	1-10033/0522	12/31/74	20	2424	19.3	150.3		FGGG	
10318W	3733N	1836-16511	00000/0000	1-10031/1075	11/06/74	50	1657	31.0	150.2		PPGG	
10318W	3732N	1818-16515	00000/0000	1-10031/0182	10/19/74	0	1406	36.4	146.9		GGGG	
10318W	3732N	1926-16473	00000/0000	1-10034/0135	02/04/75	90	2912	27.0	142.0		GGGG	
10318W	3730N	1854-16503	00000/0000	1-10032/0823	11/24/74	0	1908	26.5	151.4		FGGF	
10318W	3727N	1872-16495	00000/0000	1-10032/1011	12/12/74	0	2159	23.5	150.7		FFGG	
10318W	3726N	1746-16540	00000/0000	1-10027/1451	08/08/74	40	402	55.3	119.5		GGGG	
10318W	3310N	5015-16385	00000/0000	1-10037/0565	05/04/75	30	4153	55.9	112.3		GGFG	
10319W	4848N	1875-17033	00000/0000	1-10033/0034	12/15/74	100	2201	14.2	155.3		GGFG	
10319W	4140N	1909-16525	00000/0000	1-10033/0474	01/18/75	90	2675	20.8	147.3		GGFF	
10319W	3731N	1944-16464	00000/0000	1-10035/0311	02/22/75	70	3161	32.1	138.3		FGFG	
10319W	3727N	1890-16490	00000/0000	1-10033/0488	12/30/74	90	2410	22.5	148.6		FFFF	
10319W	2725N	1744-16453	00000/0000	1-10027/1300	08/06/74	60	374	57.4	102.2		GGPG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10320W 4854N	1821-17054	00000/0000	1-10031/0362	10/22/74	0	1448	26.7	154.7		PPFG	
10320W 3731N	5070-16402	00000/0000	1-10039/0311	06/28/75	10	4920	57.7	106.4		FFFF	
10320W 2725N	1780-16441	00000/0000	1-10030/0046	09/11/74	20	876	52.4	121.8		PGGG	
10321W 4854N	5091-16525	00000/0000	1-10040/0030	07/19/75	60	5213	52.4	126.8		GGGG	
10321W 4853N	1947-17003	00000/0000	1-10035/0166	02/25/75	40	3205	25.8	145.1		GGGG	
10321W 4841N	1767-17071	00000/0000	1-10029/0586	08/29/74	40	695	44.8	141.5		GGGG	M
10321W 3730N	1962-16460	00000/0000	1-10036/0032	03/12/75	70	3414	38.2	134.4		GGFG	
10321W 3726N	1998-16441	00000/0000	1-10037/0294	04/17/75	0	3916	50.5	124.7		GGGG	
10322W 4845N	1749-17075	00000/0000	1-10027/1594	08/11/74	70	444	49.6	136.5		PGGG	
10322W 3729N	1980-16451	00000/0000	1-10036/0530	03/30/75	0	3665	44.6	129.9		GGFG	
10323W 4849N	1731-17083	00000/0000	1-10027/0671	07/24/74	30	193	53.5	132.7		GGGG	M M
10323W 3728N	5016-16431	00000/0000	1-10037/0608	05/05/75	0	4167	55.0	118.7		FGGG	
10323W 3726N	5052-16412	00000/0000	1-10039/0085	06/10/75	100	4669	58.5	107.8		GGFG	
10323W 2729N	1816-16432	00000/0000	1-10030/1610	10/17/74	0	1378	43.8	138.7		GGGG	
10324W 4846N	1929-17012	00000/0000	1-10034/0143	02/07/75	20	2954	20.1	147.5		GGGG	
10324W 4844N	1893-17025	00000/0000	1-10033/0585	01/02/75	90	2452	13.9	153.0		FFPF	
10324W 4141N	5035-16465	00000/0000	1-10038/0363	05/24/75	10	4432	56.7	119.4		FGGG	
10324W 2730N	1924-16390	00000/0000	1-10034/0264	02/02/75	90	2884	33.0	136.6		PPPG	
10325W 4849N	1983-16585	00000/0000	1-10036/0587	04/02/75	20	3707	39.4	140.5		PFPG	
10325W 2736N	1960-16373	00000/0000	1-10035/1022	03/10/75	40	3386	42.6	126.2		GGGG	
10326W 3722N	5034-16422	00000/0000	1-10038/0275	05/23/75	50	4418	57.7	112.4		GGFG	
10326W 2728N	1978-16364	00000/0000	1-10036/0521	03/28/75	0	3637	48.1	119.6		GGFP	
10327W 4848N	5055-16550	00000/0000	1-10038/0664	06/13/75	10	4711	55.4	127.1		FFFF	M
10327W 2726N	5050-16325	00000/0000	1-10039/0050	06/08/75	10	4641	58.2	90.4		FFGF	
10328W 2726N	5014-16345	00000/0000	1-10038/0198	05/03/75	60	4139	56.5	103.5		GGGG	
10328W 2723N	5032-16335	00000/0000	1-10038/0300	05/21/75	0	4390	58.1	95.6		FFGG	
10329W 4842N	5073-16540	00000/0000	1-10039/0359	07/01/75	10	4962	54.7	125.5		GGGF	M
10329W 4121N	5053-16455	00000/0000	1-10038/0642	06/11/75	40	4683	57.8	114.7		GGFF	
10332W 4434N	1802-17012	00000/0000	1-10030/0952	10/03/74	40	1183	36.4	148.0		GPFG	
10333W 3143N	1781-16484	00000/0000	1-10030/0026	09/12/74	40	890	50.4	127.8		PPPG	
10334W 3145N	1745-16500	00000/0000	1-10027/1376	08/07/74	30	388	56.9	109.8		GGGG	
10334W 3143N	1763-16492	00000/0000	1-10029/0379	08/25/74	70	639	54.1	118.6		PGGG	
10335W 3150N	5087-16351	00000/0000	1-10040/0165	07/15/75	60	5157	56.3	98.7		FGGF	
10336W 3148N	1817-16475	00000/0000	1-10030/1188	10/18/74	0	1392	40.7	142.5		GGPG	
10337W 4439N	1856-16595	00000/0000	1-10032/0513	11/26/74	40	1936	20.4	154.7		PGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10337W 4427N	1766-17024	00000/0000	1-10029/0493	08/28/74	40	681	47.6	136.4		GGGG	
10337W 3154N	1961-16415	00000/0000	1-10035/0869	09/11/75	10	3400	40.9	129.8		FFFF	
10337W 3144N	1871-16455	00000/0000	1-10033/0307	12/11/74	80	2145	28.0	148.1		FFFG	
10338W 4428N	1784-17020	00000/0000	1-10029/1226	09/15/74	20	932	42.3	142.6		PGGP	
10338W 3147N	1853-16463	00000/0000	1-10032/0603	11/23/74	20	1894	31.1	148.5		GGGG	
10338W 3147N	1925-16433	00000/0000	1-10034/0271	02/03/75	100	2898	30.5	139.0		GGGG	
10338W 3147N	1943-16424	00000/0000	1-10035/0821	02/21/75	40	3149	35.2	134.6		GGGG	
10339W 4440N	5090-16483	00000/0000	1-10040/0017	07/18/75	10	5199	54.0	120.2		FGGF	
10339W 4439N	1838-17003	00000/0000	1-10031/1104	11/08/74	10	1685	24.9	154.2		PPPP	
10339W 4436N	1730-17040	00000/0000	1-10027/0555	07/23/74	10	179	55.6	126.0		PGPG	
10339W 4434N	1874-16591	00000/0000	1-10033/0067	12/14/74	50	2187	17.7	153.6		FGPP	
10339W 3147N	5069-16362	00000/0000	1-10039/0258	06/27/75	10	4906	57.8	96.2		FFTF	
10339W 3145N	1979-16410	00000/0000	1-10036/0474	03/29/75	100	3651	46.9	124.1		GGTF	
10339W 3140N	1889-16450	00000/0000	1-10033/0507	12/29/74	60	2396	26.8	146.1		FFFG	
10340W 4439N	1946-16560	00000/0000	1-10035/0087	02/24/75	10	3191	28.2	142.5		FGGG	
10340W 3146N	1997-16401	00000/0000	1-10037/0445	04/16/75	40	3902	52.2	117.5		FGFG	
10341W 4439N	1820-17011	00000/0000	1-10031/0277	10/21/74	10	1434	30.4	151.9		PGPG	
10341W 4439N	5072-16493	00000/0000	1-10039/0159	06/30/75	10	4948	56.2	118.7		GGGG	
10341W 4433N	1928-16565	00000/0000	1-10035/0300	02/06/75	20	2940	22.8	145.4		GGGG	
10341W 4432N	1910-16574	00000/0000	1-10033/0889	01/19/75	10	2689	18.9	148.5		GGTF	
10341W 4431N	1748-17032	00000/0000	1-10027/1471	08/10/74	100	430	52.1	130.6		GGGP	
10341W 3617N	1908-16484	00000/0000	1-10033/0879	01/17/75	0	2661	24.5	144.9		FFFF	
10341W 3557N	1782-16570	00000/0000	1-10029/1212	09/13/74	90	904	48.0	133.2		GGGP	
10341W 3144N	5051-16372	00000/0000	1-10039/0130	06/09/75	10	4655	58.7	97.8		GGTF	
10342W 4427N	1892-16582	00000/0000	1-10033/0560	01/01/75	0	2438	17.2	151.3		FFFF	
10343W 4015N	1783-16573	00000/0000	1-10029/1176	09/14/74	10	918	45.3	138.1		PPPP	
10343W 3144N	5015-16391	00000/0000	1-10037/0566	05/04/75	10	4153	56.1	110.1		GGGG	
10344W 4432N	5000-16593	00000/0000	1-10037/0320	04/19/75	50	3944	47.8	133.0		FGTF	
10344W 3558N	1764-16535	00000/0000	1-10029/0358	08/26/74	80	653	52.3	125.0		GGPP	
10345W 4434N	5054-16504	00000/0000	1-10038/0652	06/12/75	20	4697	56.9	120.1		FFTF	
10345W 4017N	1747-16590	00000/0000	1-10027/1462	08/09/74	30	416	54.1	124.2		GGGG	
10345W 3607N	1836-16514	00000/0000	1-10031/1076	11/06/74	70	1657	32.1	149.4		GGGG	
10345W 3606N	1818-16522	00000/0000	1-10031/0183	10/19/74	0	1406	37.4	146.0		GGGG	
10345W 3606N	1926-16480	00000/0000	1-10034/0136	02/04/75	70	2912	28.0	141.2		FFGG	
10345W 3606N	5088-16394	00000/0000	1-10040/0012	07/16/75	10	5171	56.0	106.0		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
10345W	3603N	1854-16510	00000/0000	1-10032/0824	11/24/74	0	1908	27.6	150.7		FGGG				
10345W	3602N	1872-16501	00000/0000	1-10032/1012	12/12/74	0	2159	24.6	150.0		FGGG				
10345W	3601N	1746-16543	00000/0000	1-10027/1452	08/08/74	40	402	55.8	117.2		GGGP				
10346W	4023N	1819-16564	00000/0000	1-10031/0253	10/20/74	20	1420	34.0	149.1		GPPG				
10346W	4023N	1837-16561	00000/0000	1-10031/0632	11/07/74	0	1671	28.5	151.8		GGGG				
10346W	4023N	5089-16440	00000/0000	1-10040/0187	07/17/75	30	5185	55.3	113.1		FFFG				
10346W	4014N	1765-16582	00000/0000	1-10029/0467	08/27/74	50	667	50.1	131.0		PGGG				
10346W	3605N	1944-16471	00000/0000	1-10035/0312	07/22/75	90	3161	33.0	137.3		FGFG				
10346W	3601N	1890-16493	00000/0000	1-10033/0489	12/30/74	90	2410	23.6	147.9		FFFF				
10347W	4022N	1927-16522	00000/0000	1-10035/0079	02/05/75	100	2926	25.4	143.3		GFFG				
10347W	4021N	1855-16552	00000/0000	1-10032/0613	11/25/74	50	1922	24.1	152.7		PGPG				
10347W	3606N	5070-16404	00000/0000	1-10039/0312	06/28/75	20	4920	57.8	103.8		FFFF				
10348W	4022N	1945-16514	00000/0000	1-10034/0634	02/23/75	90	3177	30.7	139.9		GFFG				
10348W	4021N	5071-16451	00000/0000	1-10039/0295	06/29/75	0	4934	57.3	111.3		FFFF				
10348W	4016N	1873-16544	00000/0000	1-10033/0707	12/13/74	50	2173	21.2	151.8		GGGG				
10348W	4015N	1891-16540	00000/0000	1-10033/0523	12/31/74	50	2424	20.4	149.6		GGFF				
10348W	3604N	1962-16462	00000/0000	1-10036/0033	03/12/75	90	3414	39.0	133.2		FFGG				
10348W	3600N	1998-16444	00000/0000	1-10037/0295	04/17/75	10	3916	51.0	122.8		GGGG				M
10349W	4432N	5036-16514	00000/0000	1-10038/0439	05/25/75	70	4446	55.8	123.8		GFGG				
10349W	4014N	1909-16531	00000/0000	1-10033/0475	01/18/75	40	2675	21.8	146.6		FGFF				
10350W	4728N	1803-17061	00000/0000	1-10030/0989	10/04/74	100	1197	33.9	150.3		GGPG				
10350W	3603N	1980-16453	00000/0000	1-10036/0531	03/30/75	0	3665	45.3	128.4		GGFG				
10350W	3602N	5016-16434	00000/0000	1-10037/0609	05/05/75	0	4167	55.4	116.5		FGFG				
10350W	3600N	5052-16414	00000/0000	1-10039/0086	06/10/75	90	4669	58.6	105.3		GGFF				
10353W	4721N	1785-17065	00000/0000	1-10030/0245	09/16/74	0	946	40.0	145.5		GGPG				
10354W	4732N	1839-17052	00000/0000	1-10031/1117	11/09/74	30	1699	22.3	155.7		PGPG				
10354W	4016N	5035-16471	00000/0000	1-10038/0364	05/24/75	0	4432	57.1	117.0		FGFF				
10354W	3557N	5034-16425	00000/0000	1-10038/0276	05/23/75	10	4418	57.9	109.9		FFFF				
10355W	4725N	1857-17044	00000/0000	1-10032/0542	11/27/74	10	1950	18.0	155.9		PGPP				
10355W	4723N	1875-17040	00000/0000	1-10033/0035	12/15/74	100	2201	15.4	154.7		PPPP				
10357W	4729N	1821-17061	00000/0000	1-10031/0363	10/22/74	10	1448	27.8	153.8		PPPG				
10357W	4728N	1947-17005	00000/0000	1-10035/0167	07/25/75	0	3205	26.7	144.2		GGGG				
10357W	4728N	5091-16532	00000/0000	1-10040/0031	07/19/75	30	5213	52.9	124.7		FGFF				
10357W	4717N	1767-17073	00000/0000	1-10029/0587	08/29/74	40	695	45.6	139.9		GGGG				
10358W	4721N	1749-17081	00000/0000	1-10027/1595	08/11/74	50	444	50.4	134.7		GGGG				

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ERTS-1
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STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P
LONG	LAT		RBV	MSS					123	45678	C C D D
10358W	3956N	5053-16462	00000/0000	1-10038/0643	06/11/75	20	4683	58.1	112.1		GFFF
10358W	3017N	1781-16490	00000/0000	1-10030/0027	09/12/74	20	890	51.0	126.0		GPPG
10359W	4723N	1731-17085	00000/0000	1-10027/0672	07/24/74	10	193	54.2	130.6		GGGG
10359W	3018N	1745-16503	00000/0000	1-10027/1377	08/07/74	20	388	57.1	107.5		GGGG
10400W	4726N	1965-17001	00000/0000	1-10036/0066	03/15/75	70	3456	33.4	141.8		FGFE
10400W	4719N	1893-17031	00000/0000	1-10033/0586	01/02/75	90	2452	15.0	152.4		FP G
10400W	3024N	5087-16354	00000/0000	1-10040/0166	07/15/75	60	5157	56.2	96.4		FGFF
10400W	3022N	1817-16481	00000/0000	1-10030/1189	10/18/74	0	1392	41.7	141.4		GPPG
10401W	4724N	1983-16591	00000/0000	1-10036/0588	04/02/75	20	3707	40.3	139.2		FFGG
10401W	4721N	1929-17014	00000/0000	1-10034/0144	02/07/75	90	2954	21.1	146.8		GGGG
10401W	3018N	1871-16461	00000/0000	1-10033/0308	12/11/74	30	2145	29.1	147.4		FF
10402W	3028N	1961-16422	00000/0000	1-10035/0870	03/11/75	0	3400	41.6	128.5		PFFG
10402W	3021N	1853-16465	00000/0000	1-10032/0604	11/23/74	30	1894	32.2	147.7		GPPG
10402W	3021N	1925-16440	00000/0000	1-10034/0272	02/03/75	90	2898	31.4	138.1		GFFG
10403W	3021N	5069-16364	00000/0000	1-10039/0259	06/27/75	10	4906	57.7	93.8		GGGF
10403W	3015N	1889-16453	00000/0000	1-10033/0508	12/29/74	10	2396	27.8	145.4		FF F
10404W	4723N	5055-16553	00000/0000	1-10038/0665	06/13/75	30	4711	56.0	124.7		GPF F
10404W	4310N	1802-17014	00000/0000	1-10030/0953	10/03/74	80	1183	37.4	146.9		GGGG
10404W	3020N	1997-16403	00000/0000	1-10037/0446	04/16/75	60	3902	52.6	115.5		GGFF
10405W	5009N	1786-17114	00000/0000	1-10030/0233	09/17/74	20	960	37.7	148.2		GGGG
10405W	4720N	5037-16563	00000/0000	1-10038/0448	05/26/75	30	4460	54.8	128.1		GGGG
10405W	4718N	5073-16543	00000/0000	1-10039/0360	07/01/75	50	4962	55.3	123.2		FGGG
10405W	3019N	1979-16413	00000/0000	1-10036/0475	03/29/75	90	3651	47.4	122.5		FGGG
10406W	3019N	5051-16374	00000/0000	1-10039/0131	06/09/75	20	4655	58.6	95.2		GGFG
10407W	3451N	1908-16490	00000/0000	1-10033/0880	01/17/75	0	2661	25.5	144.3		FFFG
10407W	3018N	5015-16394	00000/0000	1-10037/0567	05/04/75	0	4153	56.4	107.7		GGGG
10408W	3432N	1782-16533	00000/0000	1-10029/1213	09/13/74	90	904	48.8	131.6		GGGG
10409W	4302N	1766-17031	00000/0000	1-10029/0494	08/28/74	20	681	48.4	134.8		GGGG
10410W	5009N	1768-17123	00000/0000	1-10029/0530	08/30/74	90	709	43.5	143.3		PG G
10410W	5007N	1894-17081	00000/0000	1-10033/0599	01/03/75	90	2466	12.9	153.5		PF G
10410W	4314N	1856-17001	00000/0000	1-10032/0514	11/26/74	60	1936	21.6	154.0		GGPG
10410W	4303N	1784-17022	00000/0000	1-10029/1227	09/15/74	10	932	43.2	141.2		PGGG
10410W	3433N	1764-16541	00000/0000	1-10029/0359	08/26/74	80	653	52.9	123.1		GPPP
10411W	5009N	1750-17131	00000/0000	1-10027/1608	08/12/74	60	458	48.6	138.6		GGGG
10411W	4310N	1730-17043	00000/0000	1-10027/0556	07/23/74	0	179	56.2	123.7		PGGG

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 COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT		RBV	MSS								B	P	P	B	P
10411W	4309N	1874-16593	00000/0000	1-10033/0068	12/14/74	#0	2187	18.9	153.0		FGGG					
10411W	3441N	5088-16400	00000/0000	1-10040/0013	07/16/75	10	5171	56.1	103.6		GGFF					
10411W	3436N	1872-16504	00000/0000	1-10032/1013	12/12/74	10	2159	25.7	149.4		FFGG					
10412W	4316N	5090-16485	00000/0000	1-10040/0018	07/18/75	10	5199	54.5	118.0		FFGG					
10412W	4314N	1838-17010	00000/0000	1-10031/1105	11/08/74	0	1685	26.0	153.4		GGGP					
10412W	4306N	1748-17035	00000/0000	1-10027/1472	08/10/74	100	430	52.7	128.6		G GG					
10412W	3850N	1783-16580	00000/0000	1-10030/0781	09/14/74	30	918	46.1	136.7		PPPG					
10412W	3441N	1836-16520	00000/0000	1-10031/1077	11/06/74	80	1657	33.2	148.6		GPFG					
10412W	3441N	1926-16482	00000/0000	1-10034/0137	02/04/75	60	2912	28.9	140.4		GGGG					
10412W	3439N	1818-16524	00000/0000	1-10031/0184	10/19/74	0	1406	38.4	144.9		GGGG					
10412W	3438N	1854-16512	00000/0000	1-10032/0825	11/24/74	10	1908	28.8	150.0		FGGG					
10412W	3436N	1746-16545	00000/0000	1-10027/1453	08/08/74	30	402	56.1	114.9		GGGP					
10412W	3435N	1890-16495	00000/0000	1-10033/0490	12/30/74	100	2410	24.6	147.3		FFFF					
10413W	4314N	1946-16563	00000/0000	1-10035/0088	02/24/75	40	3191	29.2	141.6		GGGG					
10413W	4314N	5072-16500	00000/0000	1-10039/0160	06/30/75	10	4948	56.6	116.3		FGGF					
10413W	4313N	1820-17014	00000/0000	1-10031/0278	10/21/74	#0	1434	31.5	151.0		PGPG					
10413W	4307N	1910-16580	00000/0000	1-10033/0890	01/19/75	0	2689	19.9	147.8		GGFG					
10413W	3440N	1944-16473	00000/0000	1-10035/0313	02/22/75	100	3161	33.8	136.3		FGGG					
10414W	4307N	1928-16572	00000/0000	1-10035/0301	02/06/75	20	2940	23.7	144.7		GGFG					
10414W	3851N	1747-16592	00000/0000	1-10027/1463	08/09/74	30	416	54.7	122.0		GGGG					
10414W	3440N	5070-16411	00000/0000	1-10039/0313	06/28/75	10	4920	57.8	101.3		FFFF					
10414W	3438N	1962-16465	00000/0000	1-10036/0034	03/12/75	90	3414	39.8	132.0		FGGF					
10415W	4302N	1892-16585	00000/0000	1-10033/0561	01/01/75	0	2438	18.3	150.7		FFFF					
10415W	3858N	1837-16563	00000/0000	1-10031/0633	11/07/74	0	1671	29.6	151.1		GGG					
10415W	3849N	1765-16584	00000/0000	1-10029/0468	08/27/74	50	667	50.8	129.2		PGGG					
10415W	3435N	1998-16450	00000/0000	1-10037/0296	04/17/75	30	3916	51.5	120.9		GGGG					
10416W	3857N	1819-16571	00000/0000	1-10031/0254	10/20/74	30	1420	35.0	148.1		GPPG					
10416W	3857N	5089-16443	00000/0000	1-10040/0188	07/17/75	50	5185	55.6	110.8		GGFG					
10416W	3856N	1855-16555	00000/0000	1-10032/0614	11/25/74	10	1922	25.2	152.0		FGGG					
10416W	3856N	1927-16525	00000/0000	1-10035/0080	02/05/75	90	2926	26.3	142.6		FGGF					
10416W	3850N	1873-16550	00000/0000	1-10033/0708	12/13/74	10	2173	22.3	151.2		GFGG					
10416W	3437N	1980-16460	00000/0000	1-10036/0532	03/30/75	0	3665	46.0	126.9		GGFG					
10416W	3435N	5052-16421	00000/0000	1-10039/0087	06/10/75	80	4669	58.7	102.7		GGFG					
10417W	5008N	5038-17012	00000/0000	1-10038/0460	05/27/75	50	4474	53.7	132.3		GGGG					
10417W	4309N	5054-16510	00000/0000	1-10038/0653	06/12/75	20	4697	57.3	117.7		FFFF					

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
10417W	4306N	5000-16535	00000/0000	1-10037/0321	04/19/75	50	3944	48.5	131.3		FGFG				
10417W	3849N	1909-16534	00000/0000	1-10033/0476	01/18/75	90	2675	22.9	146.0		FFFF				
10417W	3437N	5016-16440	00000/0000	1-10037/0610	05/05/75	0	4167	55.7	114.2		FGGG				
10418W	3856N	5071-16453	00000/0000	1-10039/0296	06/29/75	10	4934	57.5	108.8		FGGG				
10418W	3850N	1891-16542	00000/0000	1-10033/0524	12/31/74	40	2424	21.5	149.0		GGGG				
10420W	3854N	1981-16502	00000/0000	1-10036/0538	03/31/75	30	3679	44.3	131.2		GGF				
10420W	3854N	5017-16483	00000/0000	1-10037/0655	05/06/75	10	4181	54.7	120.5		GGGG				
10421W	3432N	5034-16431	00000/0000	1-10038/0277	05/23/75	0	4418	58.1	107.4		FGGF				
10422W	4307N	5036-16520	00000/0000	1-10038/0440	05/25/75	50	4446	56.3	121.5		FGGF				
10422W	2851N	1781-16493	00000/0000	1-10030/0028	09/12/74	30	890	51.7	124.2		PGPG				
10422W	2849N	1763-16501	00000/0000	1-10029/0380	08/25/74	60	639	54.9	114.4		PGGG				
10423W	3851N	5035-16474	00000/0000	1-10038/0365	05/24/75	0	4432	57.5	114.6		FGGG				
10423W	2856N	1817-16484	00000/0000	1-10030/1190	10/18/74	10	1392	42.6	140.3		GGPG				
10423W	2853N	1745-16505	00000/0000	1-10027/1378	08/07/74	40	388	57.2	105.1		GGGG				
10424W	2858N	5087-16360	00000/0000	1-10040/0167	07/15/75	70	5157	56.1	94.0		FGFG				
10426W	4603N	1803-17064	00000/0000	1-10030/0990	10/04/74	100	1197	35.0	149.3		GGGG				
10426W	2855N	1853-16472	00000/0000	1-10032/0605	11/23/74	60	1894	33.3	146.9		PGGG				
10426W	2855N	1925-16442	00000/0000	1-10034/0273	02/03/75	100	2898	32.3	137.3		GGFG				
10426W	2853N	1871-16464	00000/0000	1-10033/0309	12/11/74	40	2145	30.2	146.7		FTG				
10427W	3830N	5053-16464	00000/0000	1-10038/0644	06/11/75	10	4683	58.3	109.6		FFFF				
10427W	2901N	1961-16424	00000/0000	1-10035/0871	03/11/75	0	3400	42.2	127.2		PPFG				
10427W	2854N	1943-16433	00000/0000	1-10035/0822	02/21/75	0	3149	36.8	132.5		GFGG				
10427W	2854N	5069-16371	00000/0000	1-10039/0260	06/27/75	10	4906	57.5	91.4		GFGG				
10428W	4555N	1785-17071	00000/0000	1-10030/0246	09/16/74	0	946	41.0	144.2		PGPG				
10428W	2854N	1997-16410	00000/0000	1-10037/0447	04/16/75	30	3902	52.9	113.5		GGGG				
10428W	2849N	1889-16455	00000/0000	1-10033/0509	12/29/74	20	2396	28.8	144.7		FFPG				
10429W	2854N	1979-16415	00000/0000	1-10036/0476	03/29/75	30	3651	48.0	120.8		GGGG				
10430W	4607N	1839-17055	00000/0000	1-10031/1118	11/09/74	90	1699	23.4	155.0		PPPP				
10430W	4559N	1857-17051	00000/0000	1-10032/0543	11/27/74	10	1950	19.1	155.3		PGPR				
10430W	4558N	1875-17042	00000/0000	1-10033/0036	12/15/74	80	2201	16.5	154.1		GFFF				
10430W	2853N	5051-16381	00000/0000	1-10039/0132	06/09/75	20	4655	58.4	92.7		GGGF				
10431W	4552N	1767-17080	00000/0000	1-10029/0588	08/29/74	50	695	46.5	138.4		GGGG				
10431W	2853N	5015-16400	00000/0000	1-10037/0568	05/04/75	0	4153	56.5	105.4		FGGG				
10432W	4604N	1821-17063	00000/0000	1-10031/0364	10/22/74	10	1448	28.9	153.0		PPP				
10432W	4604N	5091-16534	00000/0000	1-10040/0032	07/19/75	70	5213	53.4	122.5		GGGG				

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10432W 4603N	1947-17012	00000/0000	1-10035/0168	07/25/75	30	3205	27.7	143.3		GGGG	
10433W 4557N	1731-17092	00000/0000	1-10027/0673	07/24/74	20	193	54.9	128.4		GGGG	
10433W 4556N	1749-17084	00000/0000	1-10027/1596	08/11/74	70	444	51.1	132.8		GGGG	
10433W 3325N	1908-16493	00000/0000	1-10033/0881	01/17/75	0	2661	26.5	143.5		GFTG	
10433W 3307N	1782-16535	00000/0000	1-10029/1214	09/13/74	90	904	49.5	129.9		PGPG	
10435W 4852N	1804-17113	00000/0000	1-10030/1019	10/05/74	90	1211	32.5	151.6		PPPG	
10435W 4601N	1965-17003	00000/0000	1-10036/0067	03/15/75	80	3456	34.3	140.6		FFFG	
10435W 4554N	1893-17034	00000/0000	1-10033/0587	01/02/75	90	2452	16.1	151.8		FFPG	
10435W 4144N	1802-17021	00000/0000	1-10030/0954	10/03/74	40	1183	38.4	145.8		PGGG	
10436W 4558N	1983-16594	00000/0000	1-10036/0589	04/02/75	10	3707	41.1	137.8		GGGG	
10436W 4556N	1929-17021	00000/0000	1-10034/0145	02/07/75	90	2954	22.1	146.0		GGGG	
10436W 3307N	1764-16544	00000/0000	1-10029/0360	08/26/74	80	653	53.4	121.1		GPPG	
10437W 3315N	1926-16485	00000/0000	1-10034/0138	02/04/75	10	2912	29.8	139.6		GGGG	
10437W 3315N	5088-16403	00000/0000	1-10040/0014	07/16/75	40	5171	56.2	101.2		GFTG	
10437W 3313N	1818-16531	00000/0000	1-10031/0185	10/19/74	0	1406	39.4	143.9		GGGG	
10437W 3310N	1746-16552	00000/0000	1-10027/1454	08/08/74	30	402	56.5	112.6		GGGG	
10437W 3310N	1872-16510	00000/0000	1-10032/1014	12/12/74	10	2159	26.8	148.7		FFGG	
10438W 4558N	5055-16555	00000/0000	1-10038/0666	06/13/75	50	4711	56.5	122.4		FFFG	
10438W 3315N	1836-16523	00000/0000	1-10031/1078	11/06/74	70	1657	34.3	147.7		GPFG	
10438W 3312N	1854-16515	00000/0000	1-10032/0826	11/24/74	10	1908	29.8	149.2		FGGG	
10438W 3310N	1890-16502	00000/0000	1-10033/0491	12/30/74	100	2410	25.7	146.6		FFFF	
10439W 4555N	5037-16565	00000/0000	1-10038/0449	05/26/75	30	4460	55.4	125.9		GGGG	
10439W 4552N	5073-16545	00000/0000	1-10039/0361	07/01/75	60	4962	55.7	120.8		FGGG	
10439W 3313N	1944-16480	00000/0000	1-10035/0314	07/22/75	90	3161	34.7	135.3		GGGF	
10440W 3313N	1962-16471	00000/0000	1-10036/0035	03/12/75	90	3414	40.5	130.7		FFFG	
10441W 4148N	1856-17004	00000/0000	1-10032/0515	11/26/74	80	1936	22.7	153.4		GGGG	
10441W 4145N	1730-17045	00000/0000	1-10027/0557	07/23/74	0	179	56.7	121.4		PPPP	
10441W 4138N	1784-17025	00000/0000	1-10029/1228	09/15/74	50	932	44.1	139.9		PGPG	
10441W 4137N	1766-17033	00000/0000	1-10029/0495	08/28/74	30	681	49.1	133.1		GGGG	
10441W 3725N	1783-16582	00000/0000	1-10030/0782	09/14/74	90	918	46.9	135.2		PPGG	
10441W 3309N	1998-16453	00000/0000	1-10037/0297	04/17/75	30	3916	52.0	119.0		FGGG	
10442W 4855N	1840-17104	00000/0000	1-10032/0017	11/10/74	10	1713	20.8	156.5		PGPP	
10442W 4143N	1874-17000	00000/0000	1-10033/0069	12/14/74	30	2187	20.0	152.4		PGPG	
10442W 3726N	1747-16595	00000/0000	1-10027/1464	08/09/74	20	416	55.2	119.8		GGGG	M
10442W 3311N	1980-16462	00000/0000	1-10036/0533	07/30/75	0	3665	46.6	125.3		GGFG	

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ERTS-1
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
10442W	3310N	5052-16423	00000/0000	1-10039/0088	06/10/75	70	4669	58.7	100.1		GGFG					
10443W	4844N	1786-17121	00000/0000	1-10030/0234	09/17/74	0	960	38.7	147.0		GGGG					
10443W	4151N	5090-16492	00000/0000	1-10040/0019	07/18/75	20	5199	54.8	115.7		GGFG					
10443W	4148N	1838-17012	00000/0000	1-10031/1106	11/08/74	0	1685	27.1	152.7		PGGG					
10443W	4141N	1748-17041	00000/0000	1-10027/1473	08/10/74	70	430	53.4	126.6		GGGG					
10443W	3732N	1837-16570	00000/0000	1-10031/0634	11/07/74	0	1671	30.7	150.3		GGGG					
10443W	3730N	1855-16561	00000/0000	1-10032/0615	11/25/74	0	1922	26.3	151.4		PGPG					
10443W	3311N	5016-16443	00000/0000	1-10037/0611	05/05/75	0	4167	56.0	111.9		FFGG					
10444W	4149N	1946-16565	00000/0000	1-10035/0089	02/24/75	40	3191	30.1	140.7		GGFG					
10444W	4148N	1820-17020	00000/0000	1-10031/0279	10/21/74	80	1434	32.6	150.2		PPPP					
10444W	4148N	5072-16502	00000/0000	1-10039/0161	06/30/75	0	4948	56.9	113.9		FGFG					
10444W	3732N	1819-16573	00000/0000	1-10031/0255	10/20/74	30	1420	36.1	147.2		GG G					
10444W	3731N	1927-16531	00000/0000	1-10035/0081	02/05/75	80	2926	27.3	141.8		FGFF					
10444W	3731N	5089-16445	00000/0000	1-10040/0189	07/17/75	50	5185	55.8	108.5		GGFG					
10444W	3724N	1765-16591	00000/0000	1-10029/0469	08/27/74	80	667	51.5	127.4		GGFG					
10444W	3724N	1873-16553	00000/0000	1-10033/0709	12/13/74	10	2173	23.4	150.6		GGFG					
10445W	4852N	1858-17100	00000/0000	1-10032/0556	11/28/74	10	1964	16.6	156.5		PG G					
10445W	4142N	1928-16574	00000/0000	1-10035/0302	02/06/75	0	2940	24.7	143.9		GGGG					
10445W	4137N	1892-16591	00000/0000	1-10033/0562	01/01/75	0	2438	19.4	150.1		FFFF					
10445W	3723N	1909-16540	00000/0000	1-10033/0477	01/18/75	0	2675	23.9	145.3		FGGF					
10445W	2724N	1763-16504	00000/0000	1-10029/0381	08/25/74	30	639	55.2	112.2		GPGG					
10446W	4854N	1822-17112	00000/0000	1-10031/0380	10/23/74	0	1462	26.4	154.8		GPPG					
10446W	3730N	5071-16460	00000/0000	1-10039/0297	06/29/75	10	4934	57.6	106.3		FFFG					
10446W	3724N	1891-16545	00000/0000	1-10033/0525	12/31/74	40	2424	22.5	148.4		GGGG					
10446W	2727N	1745-16512	00000/0000	1-10027/1379	08/07/74	50	388	57.3	102.7		GGGG					
10446W	2724N	1781-16495	00000/0000	1-10030/0029	09/12/74	20	890	52.2	122.4		PPPG					
10447W	4852N	5092-16584	00000/0000	1-10040/0206	07/20/75	20	5227	52.2	126.9		GFGF					
10447W	4849N	1732-17141	00000/0000	1-10027/0590	07/25/74	10	207	53.3	132.9		GGGG					
10447W	2730N	1817-16490	00000/0000	1-10030/1191	10/18/74	50	1392	43.6	139.1		PGPG					
10448W	4851N	1948-17061	00000/0000	1-10035/0322	02/26/75	10	3219	26.1	145.0		FGGF					
10448W	4847N	1876-17091	00000/0000	1-10033/0112	12/16/74	40	2215	14.2	155.2		FFGG					
10448W	4842N	1894-17083	00000/0000	1-10033/0600	01/03/75	10	2466	14.0	152.8		PF G					
10448W	4145N	5054-16513	00000/0000	1-10038/0654	06/12/75	20	4697	57.7	115.2		FFGF					
10448W	4141N	5000-16542	00000/0000	1-10037/0322	04/19/75	40	3944	49.2	129.5		GGFG					
10448W	3728N	1981-16505	00000/0000	1-10036/0539	03/31/75	30	3679	45.0	129.7		GGFG					

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER, ** = NO CLOUD DATA AVAILABLE.
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
10448W	2731N	5087-16363	00000/0000	1-10040/0168	07/15/75	80	5157	55.9	91.7		FGGF				
10449W	4852N	5074-16594	00000/0000	1-10039/0201	07/02/75	20	4976	54.6	125.7		FGGG				
10449W	4845N	1750-17133	00000/0000	1-10027/1609	08/12/74	40	458	49.4	136.8		GGGG				
10449W	4843N	1768-17125	00000/0000	1-10029/0531	08/30/74	90	709	44.4	141.8		GG G				
10449W	3728N	5017-16490	00000/0000	1-10037/0656	05/06/75	20	4181	55.2	118.4		GGGG				
10449W	2729N	1853-16474	00000/0000	1-10032/0606	11/23/74	60	1894	34.3	146.1		GGGG				
10450W	4852N	1966-17052	00000/0000	1-10036/0078	03/16/75	60	3470	32.9	142.7		FFFF				
10450W	2729N	1925-16445	00000/0000	1-10034/0274	02/03/75	90	2898	33.2	136.4		GGGG				
10450W	2728N	5069-16373	00000/0000	1-10039/0261	06/27/75	10	4906	57.2	89.0		FFGG				
10451W	4848N	1930-17070	00000/0000	1-10034/0157	02/08/75	0	2968	20.3	147.4		GGGG				
10451W	4848N	1984-17043	00000/0000	1-10036/0615	04/03/75	90	3721	39.8	140.4		FPF				
10451W	3725N	5035-16480	00000/0000	1-10038/0366	05/24/75	10	4432	57.8	112.1		FGGG				
10451W	2735N	1961-16431	00000/0000	1-10035/0857	03/11/75	10	3400	42.9	125.9		P FF				
10451W	2728N	1943-16440	00000/0000	1-10035/0823	02/21/75	0	3149	37.6	131.4		GGGG				
10452W	2728N	1997-16412	00000/0000	1-10037/0448	04/16/75	0	3902	53.3	111.5		GGGG				
10453W	4142N	5036-16523	00000/0000	1-10038/0441	05/25/75	50	4446	56.8	119.1		FGGG				
10453W	2727N	1979-16422	00000/0000	1-10036/0477	03/29/75	70	3651	48.5	119.2		FGGG				
10454W	4845N	5002-17034	00000/0000	1-10037/0354	04/21/75	10	3972	46.1	137.5		FGF				
10454W	2726N	5051-16383	00000/0000	1-10039/0133	06/09/75	20	4655	58.2	90.2		GGFG				
10455W	4844N	5038-17014	00000/0000	1-10038/0461	05/27/75	30	4474	54.3	130.1		GGGG				
10455W	3704N	5053-16471	00000/0000	1-10038/0645	06/11/75	30	4683	58.5	107.0		FGGF				
10458W	3141N	1782-16542	00000/0000	1-10029/1215	09/13/74	80	904	50.2	128.2		GGGG				
10459W	4438N	1803-17070	00000/0000	1-10030/0991	10/04/74	90	1197	36.0	148.2		GGGG				
10459W	3158N	1908-16495	00000/0000	1-10033/0882	01/17/75	0	2661	27.5	142.8		FFFF				
10501W	4430N	1785-17074	00000/0000	1-10030/0247	09/16/74	20	946	41.9	142.9		GGPG				
10502W	3146N	1854-16521	00000/0000	1-10032/0827	11/24/74	0	1908	30.9	148.5		FGGF				
10502W	3144N	1872-16513	00000/0000	1-10032/1015	12/12/74	10	2159	27.9	148.0		FGFG				
10502W	3143N	1746-16554	00000/0000	1-10027/1455	08/08/74	30	402	56.7	110.3		GGGG				
10502W	3141N	1764-16550	00000/0000	1-10029/0361	08/26/74	50	653	53.9	119.1		PGPG				
10503W	3149N	1836-16525	00000/0000	1-10031/1079	11/06/74	80	1657	35.3	146.8		PPGP				
10503W	3149N	1926-16491	00000/0000	1-10034/0139	02/04/75	10	2912	30.7	138.8		GGGG				
10503W	3147N	1818-16533	00000/0000	1-10031/0186	10/19/74	30	1406	40.4	142.8		GGGG				
10504W	4441N	1839-17061	00000/0000	1-10031/1119	11/09/74	70	1699	24.5	154.3		PPPP				
10504W	4434N	1857-17053	00000/0000	1-10032/0544	11/27/74	30	1950	20.3	154.6		PGPP				
10504W	4433N	1875-17045	00000/0000	1-10033/0037	12/15/74	90	2201	17.6	153.5		PPPP				

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10504W	4427N	1767-17082	00000/0000	1-10029/0589	08/29/74	60	695	47.3	136.8		GGGG	
10504W	3147N	1944-16482	00000/0000	1-10035/0315	02/22/75	60	3161	35.5	134.3		GGGF	
10504W	3144N	1890-16504	00000/0000	1-10033/0492	12/30/74	90	2410	26.7	146.0		FFFF	
10505W	4438N	1821-17070	00000/0000	1-10031/0365	10/22/74	60	1448	30.0	152.1		PPPP	
10505W	3149N	5070-16420	00000/0000	1-10039/0314	06/28/75	0	4920	57.7	96.3		FGGF	
10505W	3146N	1962-16474	00000/0000	1-10036/0036	03/12/75	80	3414	41.2	129.4		FGGG	
10506W	4439N	5091-16541	00000/0000	1-10040/0033	07/19/75	70	5213	53.9	120.3		GFFG	
10506W	4437N	1947-17014	00000/0000	1-10035/0169	02/25/75	80	3205	28.6	142.4		GGGG	
10506W	4432N	1731-17094	00000/0000	1-10027/0674	07/24/74	30	193	55.5	126.1		PGGG	
10506W	4430N	1749-17090	00000/0000	1-10027/1597	08/11/74	50	444	51.8	130.9		GGGG	
10506W	4019N	1802-17023	00000/0000	1-10030/0955	10/03/74	10	1183	39.4	144.7		GGGG	M
10506W	3143N	1998-16455	00000/0000	1-10037/0298	04/17/75	20	3916	52.5	117.0		FGFG	
10507W	3145N	1980-16465	00000/0000	1-10036/0534	03/30/75	10	3665	47.2	123.7		FGFF	
10507W	3144N	5052-16430	00000/0000	1-10039/0089	06/10/75	20	4669	58.6	97.5		FGFG	M
10508W	4429N	1893-17040	00000/0000	1-10033/0588	01/02/75	90	2452	17.2	151.2		FFFF	
10508W	3559N	1783-16585	00000/0000	1-10030/0783	09/14/74	100	918	47.7	133.6		PGGG	
10508W	3145N	5016-16445	00000/0000	1-10037/0612	05/05/75	0	4167	56.3	109.6		FGGG	
10509W	4436N	1965-17010	00000/0000	1-10036/0068	03/15/75	10	3456	35.2	139.5		FGFF	
10509W	4431N	1929-17023	00000/0000	1-10034/0146	02/07/75	50	2954	23.1	145.2		GGGG	
10509W	3601N	1747-17001	00000/0000	1-10027/1465	08/09/74	10	416	55.6	117.6		GPFG	
10510W	4433N	1983-17000	00000/0000	1-10036/0590	04/02/75	10	3707	41.9	136.4		GGGG	
10510W	3606N	1837-16572	00000/0000	1-10031/0635	11/07/74	0	1671	31.8	149.5		PGPG	
10510W	3604N	1855-16564	00000/0000	1-10032/0616	11/25/74	0	1922	27.4	150.7		PGPG	
10511W	4022N	1856-17010	00000/0000	1-10032/0516	11/26/74	60	1936	23.8	152.7		GGGG	
10511W	4020N	1730-17052	00000/0000	1-10027/0558	07/23/74	10	179	57.1	119.0		GPFG	
10511W	4015N	1784-17031	00000/0000	1-10029/1229	09/15/74	90	932	45.0	138.5		PGGP	
10511W	4011N	1766-17040	00000/0000	1-10029/0496	08/28/74	30	681	49.9	131.4		GGGG	
10511W	3606N	1819-16580	00000/0000	1-10031/0256	10/20/74	10	1420	37.1	146.2		GGGG	
10511W	3605N	1927-16534	00000/0000	1-10035/0082	02/05/75	80	2926	28.2	141.0		FFFF	
10511W	3605N	5089-16452	00000/0000	1-10040/0190	07/17/75	60	5185	55.9	106.1		FGFF	
10511W	3559N	1765-16593	00000/0000	1-10029/0470	08/27/74	70	667	52.1	125.5		PGPG	
10511W	3559N	1873-16555	00000/0000	1-10033/0710	12/13/74	10	2173	24.5	149.9		GGGG	
10512W	4727N	1804-17120	00000/0000	1-10030/1020	10/05/74	90	1211	33.6	150.6		PPGP	
10512W	4018N	1874-17002	00000/0000	1-10033/0070	12/14/74	40	2187	21.1	151.7		FGFG	
10512W	3141N	5034-16440	00000/0000	1-10038/0278	05/23/75	20	4418	58.3	102.3		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
10513W	4431N	5037-16572	00000/0000	1-10038/0450	05/26/75	30	4460	56.0	123.6		GGFG					
10513W	4025N	5090-16494	00000/0000	1-10040/0020	07/18/75	20	5199	55.1	113.4		GGFG					
10513W	4022N	1838-17015	00000/0000	1-10031/1107	11/08/74	0	1685	28.3	151.9		GGGG					
10513W	4016N	1748-17044	00000/0000	1-10027/1474	08/10/74	40	430	53.9	124.5		GGGG					
10513W	3605N	5071-16462	00000/0000	1-10039/0298	06/29/75	10	4934	57.7	103.8		FGFF					
10513W	3559N	1891-16551	00000/0000	1-10033/0526	12/31/74	0	2424	23.6	147.8		GGGG					
10513W	3558N	1909-16543	00000/0000	1-10033/0478	01/18/75	0	2675	24.9	144.6		GGGF					
10514W	4023N	1946-16572	00000/0000	1-10035/0090	02/24/75	30	3191	31.0	139.8		GGGF					
10514W	4016N	1910-16585	00000/0000	1-10033/0891	01/19/75	10	2689	22.0	146.5		FGGF				M	
10515W	4023N	1820-17023	00000/0000	1-10031/0280	10/21/74	20	1434	33.6	149.3		PGPP					
10515W	4023N	5072-16505	00000/0000	1-10039/0162	06/30/75	0	4948	57.2	111.4		GGGG					
10515W	4012N	1892-16594	00000/0000	1-10033/0563	01/01/75	0	2438	20.5	149.5		GGGG					
10515W	3603N	1981-16511	00000/0000	1-10036/0544	03/31/75	30	3679	45.7	128.1		G					
10516W	4017N	1928-16581	00000/0000	1-10035/0303	02/06/75	10	2940	25.7	143.1		GGGG					
10516W	3603N	5017-16492	00000/0000	1-10037/0657	05/06/75	10	4181	55.6	116.1		FFTF					
10518W	4020N	5054-16515	00000/0000	1-10038/0655	06/12/75	10	4697	58.0	112.6		FFTF					
10518W	4016N	5000-16544	00000/0000	1-10037/0323	04/19/75	20	3944	49.8	127.7		GGTF				M	
10519W	4731N	1840-17111	00000/0000	1-10032/0018	11/10/74	0	1713	22.0	155.8		PPPG					
10519W	4719N	1786-17123	00000/0000	1-10030/0235	09/17/74	0	960	39.7	145.7		GGGG					
10519W	3600N	5035-16483	00000/0000	1-10038/0367	05/24/75	10	4432	58.0	109.6		FFGG					
10522W	4017N	5036-16525	00000/0000	1-10038/0442	05/25/75	60	4446	57.2	116.7		GGGG					
10522W	3539N	5053-16473	00000/0000	1-10038/0646	06/11/75	10	4683	58.6	104.4		FFGF					
10523W	4729N	1822-17115	00000/0000	1-10031/0381	10/23/74	0	1462	27.5	154.0		PPG					
10523W	4728N	1858-17102	00000/0000	1-10032/0557	11/28/74	20	1964	17.7	155.9		GG G					
10523W	4727N	5092-16590	00000/0000	1-10040/0207	07/20/75	10	5227	52.8	124.8		GGGG					
10523W	4723N	1732-17144	00000/0000	1-10027/0591	07/25/74	0	207	54.0	130.7		GGGG					
10523W	3015N	1782-16544	00000/0000	1-10029/1216	09/13/74	60	904	50.8	126.5		GGGG					
10524W	4725N	1948-17064	00000/0000	1-10035/0323	02/26/75	0	3219	27.1	144.0		FGGG					
10524W	4723N	1876-17094	00000/0000	1-10033/0113	12/16/74	10	2215	15.3	154.6		FGGG					
10525W	4720N	1750-17140	00000/0000	1-10027/1610	08/12/74	20	458	50.2	135.0		GGPG					
10525W	4719N	1768-17132	00000/0000	1-10029/0532	08/30/74	50	709	45.3	140.3		GPPP					
10525W	4717N	1894-17090	00000/0000	1-10033/0601	01/03/75	10	2466	15.1	152.2		FF G					
10526W	3021N	1854-16524	00000/0000	1-10032/0828	11/24/74	10	1908	32.0	147.7		FGGG					
10526W	3017N	1746-16561	00000/0000	1-10027/1456	08/08/74	0	402	57.0	107.9		GGGG					
10526W	3014N	1764-16553	00000/0000	1-10029/0362	08/26/74	40	653	54.3	117.0		GGPG					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10527W 4727N	1966-17055	00000/0000	1-10036/0079	03/16/75	10	3470	33.8	141.6		GFFF	
10527W 4723N	1930-17072	00000/0000	1-10034/0158	02/08/75	0	2968	21.3	146.6		GGGF	
10527W 3022N	1836-16532	00000/0000	1-10031/1080	11/06/74	90	1657	36.4	145.9		GGGP	
10527W 3017N	1872-16515	00000/0000	1-10032/1005	12/12/74	0	2159	29.0	147.4		F GG	
10528W 4722N	1984-17050	00000/0000	1-10036/0616	04/03/75	80	3721	40.7	139.0		FPFE	
10528W 3022N	1926-16494	00000/0000	1-10034/0140	02/04/75	0	2912	31.6	137.9		GGGG	
10528W 3021N	1818-16540	00000/0000	1-10031/0187	10/19/74	40	1406	41.4	141.7		GGGG	
10528W 3018N	1890-16511	00000/0000	1-10033/0493	12/30/74	30	2410	27.8	145.3		FFFF	
10529W 3022N	5070-16422	00000/0000	1-10039/0315	06/28/75	0	4920	57.6	93.9		FFFF	
10529W 3021N	1944-16485	00000/0000	1-10035/0316	02/22/75	70	3161	36.3	133.3		GGGG	
10529W 3020N	1962-16480	00000/0000	1-10036/0037	03/12/75	50	3414	41.9	128.1		FGGF	
10530W 5010N	1787-17172	00000/0000	1-10030/0258	09/18/74	100	974	37.4	148.5		GGG	
10530W 4720N	5002-17040	00000/0000	1-10037/0355	04/21/75	0	3972	46.9	135.9		GGGG	
10531W 4719N	5038-17021	00000/0000	1-10038/0462	05/27/75	50	4474	54.9	127.9		PPPP	
10531W 4312N	1803-17073	00000/0000	1-10030/0992	10/04/74	80	1197	37.0	147.2		GGGG	
10531W 3016N	1998-16462	00000/0000	1-10037/0299	04/17/75	30	3916	52.9	115.0		GGGF	
10532W 3019N	5016-16452	00000/0000	1-10037/0613	05/05/75	0	4167	56.5	107.3		FGFG	
10532W 3018N	1980-16471	00000/0000	1-10036/0535	03/30/75	30	3665	47.7	122.1		GGGF	
10532W 3017N	5052-16432	00000/0000	1-10039/0090	06/10/75	10	4669	58.5	95.0		FFFF	
10534W 5008N	1769-17181	00000/0000	1-10029/0665	08/31/74	90	723	43.2	143.6		GGPG	
10534W 4306N	1785-17080	00000/0000	1-10030/0248	09/16/74	30	946	42.9	141.6		PPPG	
10535W 3854N	1802-17030	00000/0000	1-10030/0956	10/03/74	10	1183	40.4	143.5		GGGG	M
10535W 3433N	1783-16591	00000/0000	1-10030/0784	09/14/74	100	918	48.5	132.1		PGPG	
10536W 3437N	1855-16570	00000/0000	1-10032/0617	11/25/74	0	1922	28.6	150.0		PGPG	
10536W 3436N	1747-17004	00000/0000	1-10027/1466	08/09/74	10	416	56.0	115.4		GGGG	
10536W 3014N	5034-16443	00000/0000	1-10038/0279	05/23/75	0	4418	58.3	99.8		GGGG	
10537W 5005N	1895-17135	00000/0000	1-10033/0614	01/04/75	10	2480	13.0	153.3		FGGG	
10537W 4315N	1839-17064	00000/0000	1-10031/1120	11/09/74	90	1699	25.7	153.5		PPPP	
10537W 4313N	1821-17072	00000/0000	1-10031/0366	10/22/74	80	1448	31.1	151.2		PPPG	
10537W 4309N	1857-17060	00000/0000	1-10032/0545	11/27/74	30	1950	21.4	154.0		GGPP	
10537W 4308N	1875-17051	00000/0000	1-10033/0038	12/15/74	90	2201	18.8	152.9		PGPF	
10537W 4303N	1767-17085	00000/0000	1-10029/0590	08/29/74	40	695	48.1	135.1		GGGG	
10537W 3439N	1837-16575	00000/0000	1-10031/0636	11/07/74	0	1671	32.9	148.7		GGPG	
10537W 3439N	5089-16454	00000/0000	1-10040/0191	07/17/75	60	5185	56.0	103.8		GGGF	
10537W 3434N	1873-16562	00000/0000	1-10033/0711	12/13/74	30	2173	25.6	149.3		GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0530

PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10538W	5007N	1751-17185	00000/0000	1-10027/1704	08/13/74	90	472	48.3	138.8	PPPP	
10538W	4313N	5091-16543	00000/0000	1-10040/0034	07/19/75	60	5213	54.3	118.1	GFFG	
10538W	4312N	1947-17021	00000/0000	1-10035/0170	02/25/75	30	3205	29.5	141.4	FFGG	
10538W	4307N	1731-17101	00000/0000	1-10027/0675	07/24/74	40	193	56.0	123.9	GGGG	
10538W	4305N	1749-17093	00000/0000	1-10027/1598	08/11/74	10	444	52.5	128.9	GGGG	
10538W	3440N	1819-16582	00000/0000	1-10031/0257	10/20/74	0	1420	38.1	145.2	GPPG	
10538W	3439N	1927-16540	00000/0000	1-10035/0083	02/05/75	80	2926	29.2	140.2	FFGG	
10539W	3433N	1891-16554	00000/0000	1-10033/0527	12/31/74	10	2424	24.6	147.1	GPFG	
10539W	3432N	1909-16545	00000/0000	1-10033/0479	01/18/75	0	2675	25.9	143.9	FGGG	
10540W	4303N	1893-17043	00000/0000	1-10033/0589	01/02/75	100	2452	18.3	150.5	GGPG	
10540W	3856N	1856-17013	00000/0000	1-10032/0517	11/26/74	10	1936	25.0	152.0	GGGG	
10540W	3849N	1784-17034	00000/0000	1-10030/0094	09/15/74	100	932	45.8	137.0	GGGG	
10540W	3847N	1766-17042	00000/0000	1-10029/0497	08/28/74	40	681	50.6	129.6	GGGG	
10540W	3439N	5071-16465	00000/0000	1-10039/0299	06/29/75	0	4934	57.8	101.3	FGGF	
10541W	4310N	1965-17012	00000/0000	1-10036/0069	03/15/75	0	3456	36.0	138.4	FFFG	
10541W	3859N	5090-16501	00000/0000	1-10040/0021	07/18/75	40	5199	55.4	111.1	GFGG	
10541W	3854N	1730-17054	00000/0000	1-10027/0571	07/23/74	20	179	57.5	116.6	GGFP	M
10542W	4307N	1983-17003	00000/0000	1-10036/0591	04/02/75	30	3707	42.7	135.0	GFGG	
10542W	4306N	1929-17030	00000/0000	1-10034/0147	02/07/75	10	2954	24.0	144.5	GGGG	
10542W	3856N	1838-17021	00000/0000	1-10031/1108	11/08/74	0	1685	29.4	151.2	GGGG	
10542W	3853N	1874-17005	00000/0000	1-10033/0071	12/14/74	20	2187	22.2	151.1	FGFG	
10542W	3851N	1748-17050	00000/0000	1-10027/1475	08/10/74	30	430	54.5	122.4	GGGG	M
10542W	3437N	1981-16514	00000/0000	1-10036/0540	03/31/75	0	3679	46.3	126.6	GGFG	
10542W	3437N	5017-16495	00000/0000	1-10037/0658	05/06/75	10	4181	55.9	113.8	FGFG	
10543W	4309N	5055-16564	00000/0000	1-10038/0667	06/13/75	40	4711	57.3	117.5	GFFF	
10543W	3858N	1946-16574	00000/0000	1-10035/0091	02/24/75	0	3191	31.9	138.8	GGGG	
10543W	3851N	1910-16592	00000/0000	1-10033/0892	01/19/75	0	2689	23.0	145.8	GGFG	
10544W	4302N	5073-16554	00000/0000	1-10039/0362	07/01/75	0	4962	56.5	116.0	FFFG	
10544W	3858N	5072-16511	00000/0000	1-10039/0163	06/30/75	0	4948	57.4	108.9	GGGG	
10544W	3857N	1820-17025	00000/0000	1-10031/0281	10/21/74	20	1434	34.7	148.3	PPPG	
10544W	3846N	1892-17000	00000/0000	1-10033/0564	01/01/75	0	2438	21.5	148.8	FFFG	
10545W	3434N	5035-16485	00000/0000	1-10038/0368	05/24/75	0	4432	58.2	107.1	GGGG	
10546W	4306N	5037-16574	00000/0000	1-10038/0451	05/26/75	10	4460	56.5	121.2	GFGG	
10547W	4602N	1804-17122	00000/0000	1-10030/1021	10/05/74	100	1211	34.6	149.5	PPPP	
10547W	3850N	5000-16551	00000/0000	1-10037/0324	04/19/75	10	3944	50.5	125.9	FGFF	M

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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D			
LONG	LAT		RBV	MSS								C	C	D	D
10547W	2849N	1782-16551	00000/0000	1-10029/1217	09/13/74	50	904	51.5	124.7		GGGG				
10548W	3854N	5054-16522	00000/0000	1-10038/0656	06/12/75	10	4697	58.2	110.1		FFGF				
10549W	3847N	5018-16541	00000/0000	1-10037/0661	05/07/75	60	4195	55.0	120.0		GGFG				
10549W	3413N	5053-16480	00000/0000	1-10038/0647	06/11/75	10	4683	58.7	101.9		FFFF				M
10550W	2854N	1854-16530	00000/0000	1-10032/0829	11/24/74	10	1908	33.1	146.9		FGGG				
10550W	2852N	1746-16563	00000/0000	1-10027/1457	08/08/74	10	402	57.1	105.5		GGPG				
10550W	2848N	1764-16555	00000/0000	1-10029/0363	08/26/74	30	653	54.7	114.9		GPPG				
10551W	3851N	5036-16532	00000/0000	1-10038/0443	05/25/75	60	4446	57.5	114.3		GGGG				
10551W	2856N	1836-16534	00000/0000	1-10031/1081	11/06/74	100	1657	37.4	145.0		PPGP				
10552W	2856N	1926-16500	00000/0000	1-10034/0141	02/04/75	0	2912	32.5	137.0		GGGG				
10552W	2855N	1818-16542	00000/0000	1-10031/0177	10/19/74	20	1406	42.4	140.6		G GG				
10553W	2856N	5070-16425	00000/0000	1-10039/0316	06/28/75	10	4920	57.4	91.5		FGGF				
10554W	4554N	1786-17130	00000/0000	1-10030/0236	09/17/74	0	960	40.7	144.5		GGGG				M
10554W	2855N	1944-16491	00000/0000	1-10035/0317	02/22/75	30	3161	37.1	132.2		GFGG				
10554W	2854N	1962-16483	00000/0000	1-10036/0038	03/12/75	30	3414	42.6	126.8		GGFF				
10555W	4605N	1840-17113	00000/0000	1-10032/0019	11/10/74	0	1713	23.1	155.0		PGGG				M
10556W	2854N	5016-16454	00000/0000	1-10037/0614	05/05/75	0	4167	56.7	105.0		FFGG				
10556W	2853N	1980-16474	00000/0000	1-10036/0536	03/30/75	50	3665	48.3	120.5		GGFG				
10558W	4604N	1822-17121	00000/0000	1-10031/0382	10/23/74	0	1462	28.6	153.1		GPPG				
10558W	4602N	5092-16593	00000/0000	1-10040/0208	07/20/75	10	5227	53.3	122.6		FGFG				
10558W	4558N	1732-17150	00000/0000	1-10027/0592	07/25/74	0	207	54.7	128.6		GGGG				M
10559W	4603N	1858-17105	00000/0000	1-10032/0558	11/28/74	70	1964	18.9	155.2		GGGG				
10559W	4600N	1948-17070	00000/0000	1-10035/0324	02/26/75	0	3219	28.0	143.1		GGGG				
10559W	4556N	1750-17142	00000/0000	1-10027/1611	08/12/74	10	458	50.9	133.1		PGPG				
10559W	4554N	1768-17134	00000/0000	1-10029/0533	08/30/74	70	709	46.2	138.7		PG G				
10600W	4601N	5074-17003	00000/0000	1-10039/0202	07/02/75	50	4976	55.6	121.1		FGGG				
10600W	4558N	1876-17100	00000/0000	1-10033/0114	12/16/74	10	2215	16.4	154.0		GGG				
10600W	4552N	1894-17092	00000/0000	1-10033/0602	01/03/75	10	2466	16.2	151.6		FP G				
10600W	3307N	1783-16594	00000/0000	1-10030/0785	09/14/74	90	918	49.2	130.4		GGPG				
10600W	2849N	5034-16445	00000/0000	1-10038/0280	05/23/75	0	4418	58.3	97.3		GGGG				
10602W	4601N	1966-17061	00000/0000	1-10036/0080	03/16/75	20	3470	34.7	140.5		FGFF				
10602W	4558N	1930-17075	00000/0000	1-10034/0159	02/08/75	10	2968	22.3	145.9		GGGG				
10602W	4147N	1803-17075	00000/0000	1-10030/0993	10/04/74	80	1197	38.1	146.1		GGGG				
10602W	3310N	1747-17010	00000/0000	1-10027/1467	08/09/74	20	416	56.3	113.1		GGGG				
10603W	4557N	1984-17052	00000/0000	1-10036/0617	04/03/75	20	3721	41.5	137.6		FFFF				

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PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0532

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
10603W	3314N	1819-16585	00000/0000	1-10031/0258	10/20/74	0	1420	39.1	144.2		GPGG					
10603W	3313N	1837-16581	00000/0000	1-10031/0637	11/07/74	10	1671	34.0	147.8		GGGG				M	
10603W	3313N	5089-16461	00000/0000	1-10040/0192	07/17/75	70	5185	56.1	101.4		GFFG				M	
10603W	3312N	1855-16573	00000/0000	1-10032/0618	11/25/74	0	1922	29.6	149.2		GGGG				M	
10603W	3308N	1873-16564	00000/0000	1-10033/0712	12/13/74	20	2173	26.7	148.6		GGGG					
10604W	3313N	1927-16543	00000/0000	1-10035/0084	02/05/75	20	2926	30.1	139.4		GFFG				M	
10604W	3307N	1891-16560	00000/0000	1-10033/0528	12/31/74	40	2424	25.7	146.5		FPGG					
10605W	4554N	5002-17043	00000/0000	1-10037/0356	04/21/75	0	3972	47.7	134.2		FGGG					
10605W	4141N	1785-17083	00000/0000	1-10030/0249	09/16/74	0	946	43.8	140.2		PPPG					
10605W	3307N	1909-16552	00000/0000	1-10033/0480	01/18/75	0	2675	26.9	143.2		FGFF				M	
10606W	4854N	1841-17162	00000/0000	1-10032/0096	11/11/74	0	1727	20.6	156.5		PPPG					
10606W	4850N	1805-17172	00000/0000	1-10030/1089	10/06/74	0	1225	32.2	151.8		GGGG					
10606W	4555N	5038-17023	00000/0000	1-10038/0463	05/27/75	60	4474	55.5	125.6		FGGG					
10606W	3313N	5071-16471	00000/0000	1-10039/0300	06/29/75	10	4934	57.8	98.8		FFFF				M	
10608W	4845N	1787-17175	00000/0000	1-10030/0259	09/18/74	90	974	38.4	147.3		GGGG					
10608W	4147N	5091-16550	00000/0000	1-10040/0035	07/19/75	40	5213	54.7	115.8		GGGG					
10608W	4144N	1857-17062	00000/0000	1-10032/0546	11/27/74	50	1950	22.6	153.3		PPPP					
10608W	4143N	1875-17054	00000/0000	1-10033/0039	12/15/74	60	2201	19.9	152.3		GGGF					
10608W	4138N	1767-17091	00000/0000	1-10029/0591	08/29/74	30	695	48.9	133.5		GGGG					
10608W	3732N	5090-16503	00000/0000	1-10040/0022	07/18/75	20	5199	55.6	108.7		GGGG					
10608W	3730N	1856-17015	00000/0000	1-10032/0518	11/26/74	0	1936	26.1	151.4		PGGP				M	
10608W	3723N	1766-17045	00000/0000	1-10029/0498	08/28/74	40	681	51.2	127.8		GGGG					
10608W	3722N	1784-17040	00000/0000	1-10030/0095	09/15/74	90	932	46.7	135.5		GGGG					
10608W	3311N	1981-16520	00000/0000	1-10036/0541	03/31/75	0	3679	46.9	125.0		GFFG				M	
10608W	3311N	5017-16501	00000/0000	1-10037/0659	05/06/75	10	4181	56.2	111.5		FFGG				M	
10608W	3308N	1999-16511	00000/0000	1-10037/0255	04/18/75	40	3930	52.3	118.6		FFGG				M	
10609W	4857N	1823-17171	00000/0000	1-10031/0392	10/24/74	0	1476	26.0	155.0		PGPG					
10609W	4149N	1839-17070	00000/0000	1-10031/1121	11/09/74	90	1699	26.8	152.8		PPPP					
10609W	4148N	1821-17075	00000/0000	1-10031/0367	10/22/74	80	1448	32.2	150.3		PPPP					
10609W	4147N	1947-17023	00000/0000	1-10035/0171	02/25/75	0	3205	30.4	140.5		GGGG					
10609W	4142N	1731-17103	00000/0000	1-10027/0676	07/24/74	50	193	56.5	121.5		GGGG					
10609W	4141N	1749-17095	00000/0000	1-10027/1599	08/11/74	20	444	53.1	126.9		GGGG					
10609W	3729N	1730-17061	00000/0000	1-10027/0572	07/23/74	10	179	57.9	114.1		PPPG					
10610W	4138N	1893-17045	00000/0000	1-10033/0590	01/02/75	100	2452	19.4	149.9		FFPF					
10610W	3730N	1838-17024	00000/0000	1-10031/1109	11/08/74	20	1685	30.5	150.4		GPGG					

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03:20 SEP 30, '75

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0533

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10610W 3727N	1874-17011	00000/0000	1-10033/0072	12/14/74	10	2187	23.3	150.5	FGGG		
10610W 3724N	1748-17053	00000/0000	1-10027/1476	08/10/74	10	430	55.0	120.2	GGGG		M M
10611W 4851N	1859-17154	00000/0000	1-10032/0570	11/29/74	10	1978	16.4	156.5	GGPG		
10611W 3726N	1910-16594	00000/0000	1-10033/0893	01/19/75	0	2689	24.0	145.1	GGFG		
10611W 3308N	5035-16492	00000/0000	1-10038/0369	05/24/75	10	4432	58.3	104.6	FFGG		
10612W 4854N	5093-17042	00000/0000	1-10040/0233	07/21/75	40	5241	52.0	127.1	GGFG		
10612W 4843N	1769-17183	00000/0000	1-10029/0666	08/31/74	90	723	44.1	142.1	GGGG		
10612W 4145N	1965-17015	00000/0000	1-10036/0070	03/15/75	20	3456	36.9	137.2	FFFG		
10612W 4141N	1929-17032	00000/0000	1-10034/0148	02/07/75	50	2954	25.0	143.7	GGFG		
10612W 3733N	5072-16514	00000/0000	1-10039/0164	06/30/75	0	4948	57.5	106.4	FGGG		
10612W 3732N	1946-16581	00000/0000	1-10035/0092	02/24/75	0	3191	32.8	137.8	GGFG		
10612W 3730N	1820-17032	00000/0000	1-10031/0282	10/21/74	50	1434	35.8	147.4	PPPG		
10612W 3721N	1892-17003	00000/0000	1-10033/0565	01/01/75	40	2438	22.6	148.2	FFFG		
10613W 4142N	1983-17005	00000/0000	1-10036/0592	04/02/75	10	3707	43.5	133.5	GGGG		
10613W 3726N	1928-16590	00000/0000	1-10035/0304	02/06/75	0	2940	27.6	141.5	GGGG		
10614W 4852N	1949-17115	00000/0000	1-10035/0443	02/27/75	30	3233	26.5	144.9	GGGG		
10614W 4846N	1877-17150	00000/0000	1-10033/0079	12/17/74	50	2229	14.1	155.1	FFFG		
10614W 4143N	5055-16571	00000/0000	1-10038/0668	06/13/75	20	4711	57.7	115.0	FFFG		
10615W 4841N	1895-17141	00000/0000	1-10033/0615	01/04/75	40	2480	14.1	152.7	FFFG		
10615W 4137N	5073-16561	00000/0000	1-10039/0363	07/01/75	0	4962	56.9	113.6	FGFG		
10615W 3725N	5000-16553	00000/0000	1-10037/0325	04/19/75	10	3944	51.0	124.0	GGFG		M
10616W 4852N	1967-17110	00000/0000	1-10036/0142	03/17/75	30	3484	33.3	142.6	GGFG		
10616W 4851N	5075-17052	00000/0000	1-10039/0332	07/03/75	90	4990	54.5	125.7	GGGG		
10616W 4842N	1751-17191	00000/0000	1-10027/1705	08/13/74	70	472	49.2	137.0	PPPP		
10616W 3729N	5054-16524	00000/0000	1-10038/0657	06/12/75	10	4697	58.4	107.5	FFFF		
10616W 3721N	5018-16544	00000/0000	1-10037/0662	05/07/75	40	4195	55.4	117.8	GGFG		M
10617W 4851N	1985-17101	00000/0000	1-10036/0628	04/04/75	100	3735	40.1	140.3	FFF		
10617W 4846N	1931-17124	00000/0000	1-10034/0227	02/09/75	50	2982	20.6	147.2	GGGG		
10621W 4437N	1804-17125	00000/0000	1-10030/1022	10/05/74	100	1211	35.7	148.5	PGGG		
10625W 3142N	1783-17000	00000/0000	1-10030/0786	09/14/74	80	918	49.9	128.8	GGPG		
10627W 4429N	1786-17132	00000/0000	1-10030/0237	09/17/74	0	960	41.6	143.2	GGGG		M
10627W 3145N	1747-17013	00000/0000	1-10027/1468	08/09/74	10	416	56.6	110.7	GGGG		M
10628W 4440N	1840-17120	00000/0000	1-10032/0020	11/10/74	10	1713	24.3	154.3	PGPG		M
10628W 3148N	1819-16591	00000/0000	1-10031/0259	10/20/74	0	1420	40.1	143.1	GGGG		
10628W 3147N	1837-16584	00000/0000	1-10031/0638	11/07/74	70	1671	35.1	147.0	GGGG		

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10628W	3146N	1855-16575	00000/0000	1-10032/0619	11/25/74	0	1922	30.7	148.5		PGGG	
10628W	3146N	5089-16463	00000/0000	1-10040/0193	07/17/75	50	5185	56.1	99.1		FGFG	
10628W	3142N	1873-16571	00000/0000	1-10033/0713	12/13/74	10	2173	27.8	148.0		GGGG	
10630W	3602N	1802-17035	00000/0000	1-10030/0957	10/03/74	10	1183	42.3	141.2		GPPG	
10630W	3147N	1927-16545	00000/0000	1-10035/0085	02/05/75	30	2926	31.0	138.5		FFGG	
10630W	3142N	1891-16563	00000/0000	1-10033/0529	12/31/74	30	2424	26.7	145.8		GGGG	
10630W	3141N	1909-16554	00000/0000	1-10033/0481	01/18/75	0	2675	27.9	142.5		FFGF	
10631W	4433N	1732-17153	00000/0000	1-10027/0593	07/25/74	0	207	55.3	126.4		GGGG	M
10631W	3147N	5071-16474	00000/0000	1-10039/0301	06/29/75	0	4934	57.7	96.3		FFFF	
10632W	4439N	1822-17124	00000/0000	1-10031/0375	10/23/74	0	1462	29.7	152.3		P PP	
10632W	4437N	5092-16595	00000/0000	1-10040/0209	07/20/75	10	5227	53.7	120.4		FFGG	
10632W	4431N	1750-17145	00000/0000	1-10027/1612	08/12/74	10	458	51.6	131.2		PGGG	
10632W	4429N	1768-17141	00000/0000	1-10029/0534	08/30/74	80	709	47.0	137.2		GG G	
10633W	4437N	1858-17111	00000/0000	1-10032/0559	11/28/74	50	1964	20.1	154.6		GGPG	
10633W	4437N	5074-17005	00000/0000	1-10039/0203	07/02/75	60	4976	56.0	118.7		GGGF	
10633W	4435N	1948-17073	00000/0000	1-10035/0325	02/26/75	0	3219	29.0	142.2		FGGG	
10633W	4433N	1876-17103	00000/0000	1-10033/0115	12/16/74	50	2215	17.6	153.4		FGF	
10633W	4427N	1894-17095	00000/0000	1-10033/0603	01/03/75	10	2466	17.3	151.0		PF G	
10633W	4021N	1803-17082	00000/0000	1-10030/0994	10/04/74	80	1197	39.1	145.0		GGGG	
10633W	3145N	1981-16523	00000/0000	1-10036/0542	03/31/75	0	3679	47.5	123.4		GFFG	
10633W	3142N	1999-16513	00000/0000	1-10037/0256	04/18/75	10	3930	52.7	116.6		GGFF	
10634W	4015N	1785-17085	00000/0000	1-10030/0250	09/16/74	60	946	44.7	138.9		GGPG	
10634W	3555N	1784-17043	00000/0000	1-10030/0096	09/15/74	70	932	47.5	134.0		GGGG	
10634W	3146N	5017-16504	00000/0000	1-10037/0660	05/06/75	10	4181	56.5	109.2		GGGF	M
10635W	4435N	1966-17064	00000/0000	1-10036/0081	03/16/75	20	3470	35.6	139.3		GGGF	
10635W	4433N	1930-17081	00000/0000	1-10034/0160	02/08/75	60	2968	23.3	145.1		GGGG	
10636W	4431N	1984-17055	00000/0000	1-10036/0618	04/03/75	10	3721	42.3	136.2		FFFG	
10636W	3605N	1856-17022	00000/0000	1-10032/0519	11/26/74	0	1936	27.2	150.7		GGGG	M
10636W	3604N	1730-17063	00000/0000	1-10027/0573	07/23/74	10	179	58.2	111.6		PGPG	
10636W	3557N	1766-17051	00000/0000	1-10029/0499	08/28/74	50	681	51.9	125.9		GGGG	
10636W	3143N	5035-16494	00000/0000	1-10038/0370	05/24/75	0	4432	58.4	102.1		PGGG	
10637W	4432N	5056-17020	00000/0000	1-10039/0098	06/14/75	70	4725	56.9	119.8		GGFG	
10637W	3602N	1874-17014	00000/0000	1-10033/0073	12/14/74	0	2187	24.4	149.9		GGGG	
10637W	3559N	1748-17055	00000/0000	1-10027/1477	08/10/74	10	430	55.4	118.0		GGGG	M
10638W	4429N	5002-17045	00000/0000	1-10037/0357	04/21/75	0	3972	48.4	132.4		GGFG	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
10638W	4024N	1839-17073	00000/0000	1-10031/1122	11/09/74	80	1699	27.9	152.1		PPPG				
10638W	4022N	5091-16552	00000/0000	1-10040/0036	07/19/75	30	5213	55.0	113.5		GGGF				
10638W	4017N	1875-17060	00000/0000	1-10033/0040	12/15/74	80	2201	21.0	151.6		GPGG				
10638W	3604N	1838-17030	00000/0000	1-10031/1110	11/08/74	30	1685	31.6	149.6		GGGG				
10638W	3600N	1910-17001	00000/0000	1-10033/0894	01/19/75	0	2689	25.0	144.4		GGGG				
10639W	4430N	5038-17030	00000/0000	1-10038/0464	05/27/75	30	4474	56.1	123.3		GGFG				
10639W	4023N	1821-17081	00000/0000	1-10031/0368	10/22/74	70	1448	33.3	149.5		PPPG				
10639W	4021N	1947-17030	00000/0000	1-10035/0172	02/25/75	0	3205	31.3	139.5		GGGG				
10639W	4019N	1857-17065	00000/0000	1-10032/0547	11/27/74	10	1950	23.7	152.7		PPPP				
10639W	4016N	1731-17110	00000/0000	1-10027/0677	07/24/74	70	193	57.0	119.2		GGGG				
10639W	4015N	1749-17102	00000/0000	1-10027/1600	08/11/74	10	444	53.7	124.9		GGGG				
10639W	4012N	1767-17094	00000/0000	1-10029/0592	08/29/74	30	695	49.6	131.8		GGGG				
10639W	3606N	1946-16583	00000/0000	1-10035/0093	02/24/75	0	3191	33.6	136.9		GGFG				
10639W	3605N	1820-17034	00000/0000	1-10031/0283	10/21/74	10	1434	36.8	146.4		PPPG				
10639W	3555N	1892-17005	00000/0000	1-10033/0554	01/01/75	90	2438	23.7	147.6		P FF				
10640W	4013N	1893-17052	00000/0000	1-10033/0591	01/02/75	50	2452	20.5	149.3		FFFF				
10640W	3607N	5072-16520	00000/0000	1-10039/0165	06/30/75	10	4948	57.6	103.9		FGFF				M
10640W	3559N	1928-16592	00000/0000	1-10035/0305	02/06/75	0	2940	28.5	140.7		GGGG				
10640W	3121N	5053-16485	00000/0000	1-10038/0648	06/11/75	0	4683	58.6	96.7		PGFF				
10642W	4725N	1805-17174	00000/0000	1-10030/1090	10/06/74	0	1225	33.2	150.8		PGGG				
10642W	4019N	1965-17021	00000/0000	1-10036/0071	03/15/75	30	3456	37.7	136.0		FFGF				
10642W	4015N	1929-17035	00000/0000	1-10034/0149	02/07/75	90	2954	26.0	142.9		FGFG				
10642W	3559N	5000-16560	00000/0000	1-10037/0326	04/19/75	10	3944	51.6	122.1		GGGG				
10643W	4729N	1841-17165	00000/0000	1-10032/0097	11/11/74	0	1727	21.7	155.8		GGGP				
10643W	4017N	5001-17002	00000/0000	1-10037/0347	04/20/75	80	3958	50.1	127.4		GFGG				
10643W	4016N	1983-17012	00000/0000	1-10036/0593	04/02/75	10	3707	44.3	132.1		GGFG				
10643W	3603N	5054-16531	00000/0000	1-10038/0658	06/12/75	10	4697	58.6	105.0		FFFF				
10643W	3555N	5018-16550	00000/0000	1-10037/0663	05/07/75	10	4195	55.8	115.6		GGGG				
10644W	4721N	1787-17181	00000/0000	1-10030/0260	09/18/74	30	974	39.4	146.1		GGPG				
10644W	4018N	5055-16573	00000/0000	1-10038/0669	06/13/75	20	4711	58.0	112.5		GGFG				
10644W	4014N	5019-16593	00000/0000	1-10037/0667	05/08/75	90	4209	54.7	121.9		FFFG				
10644W	4011N	5073-16563	00000/0000	1-10039/0364	07/01/75	0	4962	57.1	111.1		FFGG				
10645W	3559N	5036-16541	00000/0000	1-10038/0444	05/25/75	20	4446	58.1	109.3		GFGG				
10646W	4733N	1823-17173	00000/0000	1-10031/0393	10/24/74	0	1476	27.1	154.1		PPGG				
10646W	4015N	5037-16583	00000/0000	1-10038/0452	05/26/75	0	4460	57.3	116.4		GGGG				M

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0536

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10648W 4729N	5093-17044	00000/0000	1-10040/0234	07/21/75	10	5241	52.6	125.0		FGFG	
10648W 4726N	1859-17160	00000/0000	1-10032/0571	11/29/74	10	1978	17.6	155.8		PPPP	
10649W 4718N	1769-17190	00000/0000	1-10029/0667	08/31/74	100	723	45.0	140.6		GGGG	
10649W 3017N	1783-17003	00000/0000	1-10030/0787	09/14/74	80	918	50.6	127.1		GGPG	
10651W 4727N	1949-17122	00000/0000	1-10035/0444	02/27/75	20	3233	27.4	143.9		GGGG	
10651W 4723N	1733-17202	00000/0000	1-10027/0769	07/26/74	0	221	53.8	130.9		GPGG	
10652W 4721N	1877-17152	00000/0000	1-10033/0080	12/17/74	60	2229	15.3	154.4		FFFG	
10652W 4717N	1895-17144	00000/0000	1-10033/0616	01/04/75	90	2480	15.2	152.1		GFPG	
10652W 4716N	1751-17194	00000/0000	1-10027/1706	08/13/74	50	472	49.9	135.2		PPPP	
10652W 3021N	1837-16590	00000/0000	1-10031/0639	11/07/74	100	1671	36.1	146.1		PPGG	
10652W 3018N	1747-17015	00000/0000	1-10027/1469	08/09/74	10	416	56.8	108.4		GGGG	
10653W 4727N	1967-17113	00000/0000	1-10036/0143	03/17/75	10	3484	34.2	141.5		GGGF	
10653W 4726N	1985-17104	00000/0000	1-10036/0629	04/04/75	90	3735	41.0	138.9		FFFF	
10653W 3023N	1819-16594	00000/0000	1-10031/0260	10/20/74	0	1420	41.1	142.0		GGPG	
10653W 3020N	1855-16582	00000/0000	1-10032/0620	11/25/74	0	1922	31.8	147.8		GGPG	
10654W 4311N	1804-17131	00000/0000	1-10030/1023	10/05/74	90	1211	36.7	147.4		PPGG	
10655W 3021N	1927-16552	00000/0000	1-10035/0086	02/05/75	10	2926	31.9	137.6		FFFF	
10655W 3016N	1891-16565	00000/0000	1-10033/0530	12/31/74	80	2424	27.8	145.1		GGGG	
10655W 3015N	1909-16561	00000/0000	1-10033/0482	01/18/75	0	2675	28.8	141.7		GGFG	
10656W 5008N	1788-17230	00000/0000	1-10030/0273	09/19/74	40	988	37.0	148.7		PPPG	
10656W 4719N	5003-17094	00000/0000	1-10037/0684	04/22/75	20	3986	47.2	135.7		GFGG	
10656W 3021N	5071-16480	00000/0000	1-10039/0302	06/29/75	0	4934	57.5	93.9		FFGF	
10657W 3437N	1802-17041	00000/0000	1-10030/0958	10/03/74	20	1183	43.2	139.9		PPGG	
10658W 3019N	1981-16525	00000/0000	1-10036/0543	03/31/75	0	3679	48.1	121.8		FGFG	
10700W 4305N	1786-17135	00000/0000	1-10030/0238	09/17/74	0	960	42.6	141.9		GGGG	
10701W 4315N	1840-17122	00000/0000	1-10032/0021	11/10/74	30	1713	25.4	153.6		PG P	
10701W 3431N	1784-17045	00000/0000	1-10030/0097	09/15/74	80	932	48.2	132.5		GGPG	
10702W 5006N	1770-17235	00000/0000	1-10029/0750	09/01/74	80	737	42.9	143.8		GGGG	
10702W 3856N	1803-17084	00000/0000	1-10030/0995	10/04/74	80	1197	40.1	143.9		GGGG	
10702W 3431N	1766-17054	00000/0000	1-10029/0500	08/28/74	50	681	52.5	124.0		GGGG	
10703W 3850N	1785-17092	00000/0000	1-10030/0251	09/16/74	70	946	45.5	137.4		GGPG	
10703W 3439N	1856-17024	00000/0000	1-10032/0520	11/26/74	0	1936	28.3	150.0		GGGG	
10703W 3438N	1730-17070	00000/0000	1-10027/0574	07/23/74	10	179	58.4	109.1		PPPG	
10703W 3434N	1748-17062	00000/0000	1-10027/1478	08/10/74	10	430	55.8	115.8		GGGG	
10704W 5006N	1896-17193	00000/0000	1-10033/0687	01/05/75	50	2494	13.1	153.2		GGGF	

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ERTS-1
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STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0537

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
10704W	4314N	1822-17130	00000/0000	1-10031/0376	10/23/74	40	1462	30.8	151.4		G GP					
10704W	4311N	5092-17002	00000/0000	1-10040/0210	07/20/75	50	5227	54.2	118.2		FFFG					
10704W	4309N	1732-17155	00000/0000	1-10027/0594	07/25/74	0	207	55.9	124.1		PGGG					
10704W	4306N	1750-17151	00000/0000	1-10027/1613	08/12/74	10	458	52.3	129.3		PGPG					
10704W	4305N	1768-17143	00000/0000	1-10029/0535	08/30/74	50	709	47.8	135.6		PPPP					
10704W	3438N	1838-17033	00000/0000	1-10031/1111	11/08/74	60	1685	32.7	148.8		GGGG					
10704W	3436N	1874-17020	00000/0000	1-10033/0074	12/14/74	0	2187	25.5	149.2		PGGP					
10705W	5009N	1932-17180	00000/0000	1-10034/0474	02/10/75	80	2996	19.9	147.9		GGGF					
10705W	4312N	1858-17114	00000/0000	1-10032/0560	11/28/74	90	1964	21.2	154.0		PGGG					
10705W	4312N	5074-17012	00000/0000	1-10039/0204	07/02/75	30	4976	56.4	116.3		GGGG					
10705W	4310N	1948-17075	00000/0000	1-10035/0326	02/26/75	0	3219	29.9	141.2		FGGG					
10705W	4303N	1894-17101	00000/0000	1-10033/0604	01/03/75	0	2466	18.4	150.4		PF G					
10705W	3440N	1820-17041	00000/0000	1-10031/0284	10/21/74	10	1434	37.8	145.5		PPPG					
10705W	3435N	1910-17003	00000/0000	1-10033/0895	01/19/75	0	2689	26.0	143.7		GGFG					
10706W	4307N	1876-17105	00000/0000	1-10033/0116	12/16/74	40	2215	18.7	152.7		FGGG					
10706W	3442N	5072-16523	00000/0000	1-10039/0166	06/30/75	0	4948	57.7	101.4		FGGG					
10706W	3440N	1946-16590	00000/0000	1-10035/0094	02/24/75	0	3191	34.5	135.9		GGGG					
10706W	3434N	1928-16595	00000/0000	1-10035/0306	02/06/75	10	2940	29.5	139.9		GGFG					
10706W	3430N	1892-17012	00000/0000	1-10033/0555	01/01/75	100	2438	24.7	146.9		P FF					
10707W	4310N	1966-17070	00000/0000	1-10036/0082	03/16/75	80	3470	36.4	138.2		GFFF					
10707W	4308N	1930-17084	00000/0000	1-10034/0161	02/08/75	90	2968	24.3	144.3		FGGG					
10707W	3858N	1839-17075	00000/0000	1-10031/1123	11/09/74	90	1699	29.1	151.3		PPPP					
10707W	3856N	5091-16555	00000/0000	1-10040/0037	07/19/75	20	5213	55.3	111.2		GGGF					
10707W	3850N	1749-17104	00000/0000	1-10027/1601	08/11/74	0	444	54.3	122.8		GGGG			M		
10708W	4306N	1984-17061	00000/0000	1-10036/0619	04/03/75	10	3721	43.1	134.8		PFF					
10708W	3856N	1821-17084	00000/0000	1-10031/0369	10/22/74	80	1448	34.4	148.5		PPPP					
10708W	3853N	1857-17071	00000/0000	1-10032/0548	11/27/74	0	1950	24.8	152.0		PPPG					
10708W	3851N	1875-17063	00000/0000	1-10033/0041	12/15/74	60	2201	22.1	151.0		GGPG					
10708W	3846N	1767-17100	00000/0000	1-10029/0593	08/29/74	30	695	50.3	130.0		GGGG					
10708W	3433N	5000-16562	00000/0000	1-10037/0327	04/19/75	0	3944	52.1	120.2		GGGF					
10709W	4308N	5056-17022	00000/0000	1-10039/0099	06/14/75	50	4725	57.3	117.3		GFFF					
10709W	3855N	1947-17032	00000/0000	1-10035/0173	02/25/75	20	3205	32.2	138.6		FGFG					
10709W	3851N	1731-17112	00000/0000	1-10027/0678	07/24/74	60	193	57.4	116.8		GGGG					
10709W	3438N	5054-16533	00000/0000	1-10038/0659	06/12/75	20	4697	58.6	102.4		FFFF					
10710W	5007N	5040-17124	00000/0000	1-10038/0383	05/29/75	10	4502	53.9	131.8		GGF					

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD, P=POOR, F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV, M=MADE FROM MSS, B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10710W 4304N	5002-17052	00000/0000	1-10037/0358	04/21/75	30	3972	49.1	130.7		FGGG	
10710W 3848N	1893-17054	00000/0000	1-10033/0592	01/02/75	30	2452	21.5	148.7		GGFG	
10711W 4305N	5020-17042	00000/0000	1-10037/0674	05/09/75	30	4223	53.8	125.9		GGFG	
10711W 4305N	5038-17032	00000/0000	1-10038/0465	05/27/75	30	4474	56.6	120.9		GGGG	
10711W 3851N	1983-17014	00000/0000	1-10036/0594	04/02/75	20	3707	45.0	130.6		GGGG	
10711W 3849N	1929-17041	00000/0000	1-10034/0150	02/07/75	70	2954	26.9	142.1		GGGG	
10712W 3851N	5001-17005	00000/0000	1-10037/0348	04/20/75	40	3958	50.8	125.6		FFGG	M
10712W 3434N	5036-16543	00000/0000	1-10038/0445	05/25/75	10	4446	58.3	106.8		GGGG	
10713W 3853N	5055-16580	00000/0000	1-10038/0670	06/13/75	20	4711	58.2	109.9		GFFF	
10713W 3849N	5019-16595	00000/0000	1-10037/0668	05/08/75	60	4209	55.1	119.7		GGFG	
10713W 3846N	5073-16570	00000/0000	1-10039/0365	07/01/75	10	4962	57.3	108.6		FGFE	
10714W 3850N	5037-16590	00000/0000	1-10038/0453	05/26/75	10	4460	57.6	114.0		FFFG	
10716W 2855N	1837-16593	00000/0000	1-10031/0640	11/07/74	100	1671	37.2	145.2		GPGP	
10717W 4600N	1805-17181	00000/0000	1-10030/1091	10/06/74	0	1225	34.3	149.7		GGGG	
10717W 2854N	1855-16584	00000/0000	1-10032/0621	11/25/74	0	1922	32.9	147.0		PGGG	
10719W 4604N	1841-17171	00000/0000	1-10032/0098	11/11/74	0	1727	22.9	155.1		PGPP	
10719W 4557N	1787-17184	00000/0000	1-10030/0261	09/18/74	20	974	40.3	144.8		GGPG	
10719W 2855N	5071-16483	00000/0000	1-10039/0303	06/29/75	10	4934	57.3	91.5		FFFG	
10722W 4608N	1823-17180	00000/0000	1-10031/0394	10/24/74	0	1476	28.2	153.3		PGGG	
10723W 4603N	5093-17051	00000/0000	1-10040/0235	07/21/75	10	5241	53.1	122.9		GGFG	
10723W 4601N	1859-17163	00000/0000	1-10032/0572	11/29/74	0	1978	18.7	155.2		PGPG	
10723W 3312N	1802-17044	00000/0000	1-10030/0959	10/03/74	30	1183	44.1	138.6		GGPG	
10724W 4553N	1769-17192	00000/0000	1-10029/0668	08/31/74	80	723	45.9	139.1		GGGG	
10725W 4557N	1733-17204	00000/0000	1-10027/0770	07/26/74	0	221	54.5	128.8		GGGG	
10726W 4602N	1949-17124	00000/0000	1-10035/0445	02/27/75	40	3233	28.4	143.0		GFFG	
10726W 4146N	1804-17134	00000/0000	1-10030/1024	10/05/74	90	1211	37.7	146.4		PGGG	
10726W 3306N	1784-17052	00000/0000	1-10030/0098	09/15/74	50	932	49.0	130.9		GGPP	
10727W 4601N	5075-17061	00000/0000	1-10039/0333	07/03/75	40	4990	55.5	121.0		FGGG	
10727W 4556N	1877-17155	00000/0000	1-10033/0081	12/17/74	40	2229	16.4	153.8		FFFF	
10727W 4552N	1895-17150	00000/0000	1-10033/0617	01/04/75	90	2480	16.3	151.4		GFPF	
10727W 4551N	1751-17200	00000/0000	1-10027/1707	08/13/74	20	472	50.7	133.3		PPPP	
10728W 4602N	1967-17115	00000/0000	1-10036/0144	03/17/75	0	3484	35.1	140.3		GGGF	
10728W 4601N	1985-17110	00000/0000	1-10036/0630	04/04/75	70	3735	41.8	137.5		FFFF	
10728W 4557N	1931-17133	00000/0000	1-10034/0228	02/09/75	90	2982	22.6	145.7		FGGE	
10728W 3311N	1730-17072	00000/0000	1-10027/0575	07/23/74	10	179	58.6	106.5		GGPG	M

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE	QUALITY	PRODUCTS
LONG	LAT								RBV	MSS	123
10728W	3306N	1766-17060	00000/0000	1-10029/0501	08/28/74	20	681	53.0	122.1	GGGG	
10729W	3313N	1856-17031	00000/0000	1-10032/0521	11/26/74	0	1936	29.4	149.3	GGGG	
10729W	3307N	1748-17064	00000/0000	1-10027/1479	08/10/74	10	430	56.2	113.5	GGGG	
10730W	3312N	1838-17035	00000/0000	1-10031/1112	11/08/74	90	1685	33.7	148.0	GGPP	
10730W	3310N	1874-17023	00000/0000	1-10033/0075	12/14/74	0	2187	26.6	148.6	PGPG	
10730W	3309N	1910-17010	00000/0000	1-10033/0896	01/19/75	0	2689	27.0	143.0	FFGG	
10731W	4554N	5003-17101	00000/0000	1-10037/0685	04/22/75	60	3986	48.0	134.0	GGFF	
10731W	3730N	1803-17091	00000/0000	1-10030/0996	10/04/74	30	1197	41.0	142.7	GGGG	
10731W	3314N	1820-17043	00000/0000	1-10031/0285	10/21/74	10	1434	38.9	144.4	PGPG	
10732W	4149N	1840-17125	00000/0000	1-10032/0022	11/10/74	20	1713	26.6	152.9	GG G	
10732W	3725N	1785-17094	00000/0000	1-10030/0252	09/16/74	70	946	46.4	136.0	PGPG	
10732W	3316N	5072-16525	00000/0000	1-10039/0167	06/30/75	0	4948	57.7	98.9	FGGG	
10732W	3313N	1946-16592	00000/0000	1-10035/0095	02/24/75	10	3191	35.3	134.8	GGGF	
10732W	3308N	1928-17001	00000/0000	1-10035/0307	02/06/75	10	2940	30.4	139.1	GGGF	
10734W	4855N	1824-17225	00000/0000	1-10031/0500	10/25/74	0	1490	25.7	155.1	PPGG	
10734W	4854N	1842-17220	00000/0000	1-10032/0110	11/12/74	100	1741	20.3	156.6	P PP	
10734W	4851N	1806-17230	00000/0000	1-10030/1155	10/07/74	20	1239	31.8	152.0	GGGG	
10734W	4146N	5092-17004	00000/0000	1-10040/0211	07/20/75	50	5227	54.5	116.0	FFFG	
10734W	3312N	5054-16540	00000/0000	1-10038/0660	06/12/75	30	4697	58.6	99.8	FFFF	
10734W	3307N	1982-16574	00000/0000	1-10036/0576	04/01/75	20	3693	47.3	124.6	FGGG	
10734W	3307N	5000-16565	00000/0000	1-10037/0328	04/19/75	0	3944	52.6	118.2	GGGG	
10735W	4844N	1788-17233	00000/0000	1-10030/0274	09/19/74	80	988	38.1	147.5	PGPG	
10735W	4149N	1822-17133	00000/0000	1-10031/0377	10/23/74	90	1462	31.9	150.5	G GP	
10735W	4143N	1732-17162	00000/0000	1-10027/0595	07/25/74	0	207	56.4	121.8	PGGG	
10735W	4141N	1750-17154	00000/0000	1-10027/1614	08/12/74	10	458	52.9	127.3	PGPG	
10735W	4139N	1768-17150	00000/0000	1-10029/0536	08/30/74	20	709	48.6	133.9	PGPP	
10735W	3733N	1839-17082	00000/0000	1-10031/1124	11/09/74	90	1699	30.2	150.5	PPPP	
10736W	4146N	1858-17120	00000/0000	1-10032/0561	11/28/74	90	1964	22.3	153.3	GGGP	
10736W	4146N	5074-17014	00000/0000	1-10039/0205	07/02/75	40	4976	56.7	113.8	FFFG	
10736W	4145N	1948-17082	00000/0000	1-10035/0327	02/26/75	0	3219	30.8	140.3	GGGG	
10736W	4142N	1876-17112	00000/0000	1-10033/0117	12/16/74	60	2215	19.8	152.1	FFGG	
10736W	4138N	1894-17104	00000/0000	1-10033/0605	01/03/75	20	2466	19.4	149.8	PG F	
10736W	3731N	1821-17090	00000/0000	1-10031/0370	10/22/74	90	1448	35.5	147.6	PPPP	
10736W	3731N	5091-16561	00000/0000	1-10040/0038	07/19/75	20	5213	55.5	108.9	GGFG	
10736W	3727N	1857-17074	00000/0000	1-10032/0549	11/27/74	0	1950	25.9	151.3	PPPP	

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10736W 3726N	1749-17111	00000/0000	1-10027/1602	08/11/74	10	444	54.8	120.6	GGGG		M
10736W 3725N	1875-17065	00000/0000	1-10033/0042	12/15/74	70	2201	23.2	150.4	FGPG		
10736W 3721N	1767-17103	00000/0000	1-10029/0594	08/29/74	30	695	51.0	128.2	GGPG		
10736W 3305N	5018-16555	00000/0000	1-10037/0664	05/07/75	0	4195	56.4	111.0	FFGF		
10737W 4850N	1860-17212	00000/0000	1-10032/0623	11/30/74	40	1992	16.2	156.4	GGFF		
10737W 3730N	1947-17035	00000/0000	1-10035/0174	02/25/75	0	3205	33.1	137.6	FGGG		
10737W 3725N	1731-17115	00000/0000	1-10027/0679	07/24/74	40	193	57.8	114.3	GGGG		
10737W 3308N	5036-16550	00000/0000	1-10038/0446	05/25/75	0	4446	58.4	104.2	GGGG		
10738W 4144N	1966-17073	00000/0000	1-10036/0083	03/16/75	50	3470	37.3	137.0	GGGF		
10738W 4142N	1930-17090	00000/0000	1-10034/0162	02/08/75	50	2968	25.3	143.5	GGGG		
10738W 3722N	1893-17061	00000/0000	1-10033/0593	01/02/75	40	2452	22.6	148.1	GGFG		
10739W 4141N	1984-17064	00000/0000	1-10036/0620	04/03/75	10	3721	43.9	133.3	FFPF		
10739W 3728N	1965-17030	00000/0000	1-10036/0072	03/15/75	80	3456	39.3	133.6	FFGF		
10739W 3724N	1929-17044	00000/0000	1-10034/0151	02/07/75	40	2954	27.9	141.3	GGGG		
10740W 4854N	5076-17110	00000/0000	1-10040/0110	07/04/75	40	5004	54.4	125.7	GGFG		
10740W 4851N	1950-17173	00000/0000	1-10035/0347	02/28/75	30	3247	26.9	144.7	GGGG		
10740W 4842N	1770-17241	00000/0000	1-10029/0751	09/01/74	70	737	43.8	142.4	GGPG		
10740W 4143N	5056-17025	00000/0000	1-10039/0100	06/14/75	50	4725	57.7	114.8	GGFG		
10740W 3725N	5001-17011	00000/0000	1-10037/0349	04/20/75	10	3958	51.3	123.7	GGGG		M
10740W 3724N	1983-17021	00000/0000	1-10036/0595	04/02/75	0	3707	45.7	129.1	FGGG		
10741W 4847N	1734-17253	00000/0000	1-10027/0469	07/27/74	10	235	53.0	133.2	GGGG		
10741W 4842N	1752-17250	00000/0000	1-10027/1718	08/14/74	100	486	48.9	137.2	PGGG		
10741W 4138N	5002-17054	00000/0000	1-10037/0359	04/21/75	30	3972	49.8	128.9	FGFG		
10741W 3727N	5055-16582	00000/0000	1-10038/0671	06/13/75	20	4711	58.4	107.3	GGFG		
10741W 3724N	5037-16592	00000/0000	1-10038/0454	05/26/75	20	4460	57.9	111.5	FGGG		
10741W 3723N	5019-17002	00000/0000	1-10037/0669	05/08/75	40	4209	55.6	117.5	GGFG		
10741W 3721N	5073-16572	00000/0000	1-10039/0366	07/01/75	10	4962	57.5	106.1	FGGG		
10742W 4850N	1968-17165	00000/0000	1-10035/1117	03/18/75	0	3498	33.7	142.5	FFFG		
10742W 4846N	1878-17204	00000/0000	1-10033/0124	12/18/74	70	2243	14.1	154.9	GGFG		
10742W 4139N	5020-17045	00000/0000	1-10037/0675	05/09/75	10	4223	54.3	123.8	GGFG		
10742W 4139N	5038-17035	00000/0000	1-10038/0466	05/27/75	60	4474	57.0	118.6	FGGG		
10743W 4852N	1986-17155	00000/0000	1-10036/0701	04/05/75	100	3749	40.5	140.1	GGGF		
10743W 4845N	1932-17182	00000/0000	1-10034/0475	02/10/75	80	2996	20.9	147.1	FFGF		
10743W 4841N	1896-17195	00000/0000	1-10033/0688	01/05/75	50	2494	14.1	152.5	FGGG		
10748W 4847N	5022-17140	00000/0000	1-10037/0738	05/11/75	20	4251	51.6	133.6	FFFG		

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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

03:20 SEP 30, 1975

ERTS-1
COORDINATE LISTING WITH REDUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0541

PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D				
10748W	4843N	5040-17131	00000/0000	1-10038/0384	05/29/75	0	4502	54.6	129.6		GGG					
10749W	3145N	1802-17050	00000/0000	1-10030/0960	10/03/74	40	1183	45.0	137.3		PGGG					
10751W	4435N	1805-17183	00000/0000	1-10030/1092	10/06/74	0	1225	35.4	148.7		GGGG					
10752W	3139N	1784-17054	00000/0000	1-10030/0099	09/15/74	30	932	49.7	129.2		GGGG					
10753W	4438N	1841-17174	00000/0000	1-10032/0099	11/11/74	10	1727	24.0	154.4		PGGP					
10753W	4432N	1787-17190	00000/0000	1-10030/0262	09/18/74	0	974	41.3	143.5		GGGG					
10753W	3140N	1766-17063	00000/0000	1-10029/0502	08/28/74	40	681	53.5	120.1		GGGG					
10754W	3146N	1856-17033	00000/0000	1-10032/0522	11/26/74	0	1936	30.5	148.6		GGGG					
10754W	3142N	1748-17071	00000/0000	1-10027/1480	08/10/74	10	430	56.5	111.2		GGGG					
10755W	3146N	1838-17042	00000/0000	1-10031/1113	11/08/74	100	1685	34.8	147.1		PGGP					
10755W	3145N	1874-17025	00000/0000	1-10033/0076	12/14/74	0	2187	27.7	147.9		PFGG					
10756W	4442N	1823-17182	00000/0000	1-10031/0395	10/24/74	50	1476	29.4	152.5		GPPG					
10756W	4439N	5093-17053	00000/0000	1-10040/0236	07/21/75	20	5241	53.6	120.7		FFGG					
10756W	4020N	1804-17140	00000/0000	1-10030/1025	10/05/74	90	1211	38.7	145.3		PGGG					
10757W	4436N	1859-17165	00000/0000	1-10032/0573	11/29/74	0	1978	19.9	154.6		GGGG					
10757W	3150N	5072-16532	00000/0000	1-10039/0168	06/30/75	0	4948	57.6	96.5		FFGG					
10757W	3148N	1820-17050	00000/0000	1-10031/0286	10/21/74	10	1434	39.9	143.4		PGPG					
10757W	3147N	1946-16595	00000/0000	1-10035/0096	02/24/75	0	3191	36.1	133.8		GGGG					
10757W	3142N	1928-17004	00000/0000	1-10035/0308	02/06/75	10	2940	31.3	138.2		GGGG					
10758W	4432N	1733-17211	00000/0000	1-10027/0771	07/26/74	0	221	55.1	126.6		PGPG					
10758W	4429N	1769-17195	00000/0000	1-10029/0669	08/31/74	40	723	46.7	137.5		GGGP					
10758W	3604N	1803-17093	00000/0000	1-10030/0997	10/04/74	20	1197	42.0	141.5		GGGG					
10758W	3146N	5054-16542	00000/0000	1-10038/0661	06/12/75	10	4697	58.6	97.2		FFFF					
10759W	3142N	5000-16571	00000/0000	1-10037/0329	04/19/75	0	3944	53.0	116.2		GGGG					
10759W	3141N	1982-16581	00000/0000	1-10036/0577	04/01/75	10	3693	47.8	123.0		GGGG					
10800W	4437N	1949-17131	00000/0000	1-10035/0446	02/27/75	40	3233	29.3	142.0		GGGG					
10800W	4426N	1751-17203	00000/0000	1-10027/1708	08/13/74	20	472	51.4	131.4		PPPP					
10800W	3600N	1785-17101	00000/0000	1-10030/0253	09/16/74	70	946	47.2	134.5		GPGG					
10801W	4436N	1967-17122	00000/0000	1-10036/0145	03/17/75	10	3484	35.9	139.2		FGGG					
10801W	4436N	5075-17064	00000/0000	1-10039/0334	07/03/75	10	4990	55.9	118.7		FFGF					
10801W	4435N	1985-17113	00000/0000	1-10036/0631	04/04/75	10	3735	42.6	136.1		FFGG					
10801W	4432N	1931-17140	00000/0000	1-10034/0229	02/09/75	40	2982	23.6	144.9		GGGG					
10801W	4431N	1877-17161	00000/0000	1-10033/0082	12/17/74	30	2229	17.5	153.2		GFGG					
10801W	4427N	1895-17153	00000/0000	1-10033/0618	01/04/75	50	2480	17.3	150.8		FGFF					
10801W	3139N	5018-16562	00000/0000	1-10037/0665	05/07/75	10	4195	56.6	108.6		GFGG					

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D			
LONG	LAT														
10802W	4434N	5057-17074	00000/0000	1-10039/0117	06/15/75	50	4739	56.9	119.7		GGFG				
10802W	4023N	1840-17131	00000/0000	1-10032/0023	11/10/74	40	1713	27.7	152.1		PGPG				
10802W	3606N	1839-17084	00000/0000	1-10031/1125	11/09/74	80	1699	31.3	149.7		PPPP				
10802W	3142N	5036-16552	00000/0000	1-10038/0447	05/25/75	0	4446	58.4	101.7		GGGF				
10803W	3605N	5091-16564	00000/0000	1-10040/0039	07/19/75	10	5213	55.7	106.6		FGGG				
10803W	3600N	1875-17072	00000/0000	1-10033/0043	12/15/74	30	2201	24.3	149.8		FGFG				
10803W	3557N	1767-17105	00000/0000	1-10029/0595	08/29/74	10	695	51.7	126.4		GGGP				
10804W	4429N	5003-17103	00000/0000	1-10037/0686	04/22/75	60	3986	48.7	132.2		GFFF				
10804W	4020N	5092-17011	00000/0000	1-10040/0212	07/20/75	40	5227	54.9	113.7		FGGG				
10804W	3605N	1821-17093	00000/0000	1-10031/0371	10/22/74	90	1448	36.5	146.7		PPPG				
10804W	3604N	1947-17041	00000/0000	1-10035/0175	02/25/75	0	3205	34.0	136.6		FGFG				
10804W	3602N	1857-17080	00000/0000	1-10032/0550	11/27/74	0	1950	27.1	150.7		PPPP				
10804W	3600N	1731-17121	00000/0000	1-10027/0680	07/24/74	20	193	58.1	111.8		GGGG				
10804W	3600N	1749-17113	00000/0000	1-10027/1603	08/11/74	20	444	55.2	118.4		GGGG				
10805W	4428N	5039-17084	00000/0000	1-10038/0371	05/28/75	80	4488	56.2	123.0		FGGG				
10805W	4023N	1822-17135	00000/0000	1-10031/0378	10/23/74	80	1462	33.0	149.6		G GG				
10805W	4017N	1732-17164	00000/0000	1-10027/0596	07/25/74	10	207	56.8	119.4		GGGG				
10805W	4015N	1750-17160	00000/0000	1-10027/1615	08/12/74	10	458	53.5	125.2		PGPG				
10805W	4013N	1768-17152	00000/0000	1-10029/0537	08/30/74	10	709	49.4	132.2		GGPP				
10805W	3556N	1893-17063	00000/0000	1-10033/0594	01/02/75	50	2452	23.7	147.4		FFFF				
10806W	4020N	5074-17021	00000/0000	1-10039/0206	07/02/75	10	4976	57.0	111.4		GGFF				
10806W	4019N	1948-17084	00000/0000	1-10035/0328	02/26/75	0	3219	31.7	139.3		GFGG				
10806W	4017N	1876-17114	00000/0000	1-10033/0118	12/16/74	80	2215	20.9	151.5		FFFG				
10806W	4013N	1894-17110	00000/0000	1-10033/0606	01/03/75	10	2466	20.5	149.2		FG F				
10806W	3602N	1965-17033	00000/0000	1-10036/0073	03/15/75	80	3456	40.1	132.4		FFGF				
10807W	3559N	1983-17023	00000/0000	1-10036/0596	04/02/75	10	3707	46.4	127.5		FFGG				
10807W	3559N	5001-17014	00000/0000	1-10037/0350	04/20/75	10	3958	51.9	121.8		GGGG				
10807W	3558N	1929-17050	00000/0000	1-10034/0152	02/07/75	10	2954	28.8	140.5		GGGG				
10808W	4019N	1966-17075	00000/0000	1-10036/0084	03/16/75	30	3470	38.1	135.8		FGGF				
10808W	4017N	1930-17093	00000/0000	1-10034/0163	02/08/75	40	2968	26.2	142.7		GGGG				
10809W	4017N	5056-17031	00000/0000	1-10039/0101	06/14/75	40	4725	58.0	112.3		GGFG				
10809W	3602N	5055-16585	00000/0000	1-10038/0672	06/13/75	10	4711	58.5	104.8		GGFG				
10809W	3559N	5037-16595	00000/0000	1-10038/0455	05/26/75	10	4460	58.2	109.0		GGFG				
10809W	3558N	5019-17004	00000/0000	1-10037/0670	05/08/75	10	4209	56.0	115.2		GGGG				
10809W	3555N	5073-16575	00000/0000	1-10039/0367	07/01/75	0	4962	57.6	103.6		GGGG				

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV MSS 123 45678	QUALITY MSS 45678	PRODUCTS B P B P C C D D
10811W 4730N	1824-17231	00000/0000 1-10031/0501	10/25/74	0	1490	26.8	154.2		PPGP	
10811W 4725N	1806-17232	00000/0000 1-10030/1156	10/07/74	0	1239	32.9	151.0		GGGG	
10811W 4719N	1788-17235	00000/0000 1-10030/0275	09/19/74	50	988	39.1	146.3		GPPG	
10811W 4013N	5002-17061	00000/0000 1-10037/0360	04/21/75	0	3972	50.5	127.1		FGFE	
10812W 4729N	1842-17223	00000/0000 1-10032/0111	11/12/74	100	1741	21.5	155.8		PPPP	
10812W 4014N	5020-17051	00000/0000 1-10037/0676	05/09/75	20	4223	54.9	121.6		GGFG	
10812W 4014N	5038-17041	00000/0000 1-10038/0467	05/27/75	50	4474	57.4	116.1		FGFG	
10813W 3019N	1802-17053	00000/0000 1-10030/0961	10/03/74	#0	1183	45.9	136.0		PGPP	
10814W 4725N	1860-17215	00000/0000 1-10032/0624	11/30/74	40	1992	17.4	155.8		FFFF	
10816W 4717N	1770-17244	00000/0000 1-10029/0749	09/01/74	90	737	44.7	140.9		G PG	
10816W 3013N	1784-17061	00000/0000 1-10030/0100	09/15/74	30	932	50.4	127.5		GGGG	
10817W 4729N	5076-17113	00000/0000 1-10040/0111	07/04/75	80	5004	54.9	123.4		FGFG	
10817W 4726N	1950-17180	00000/0000 1-10035/0359	02/28/75	80	3247	27.8	143.8		G	
10817W 4723N	1734-17260	00000/0000 1-10027/0470	07/27/74	20	235	53.7	131.1		GGGG	M
10817W 4717N	1752-17252	00000/0000 1-10027/1719	08/14/74	100	486	49.7	135.4		PGGG	
10818W 4726N	1968-17171	00000/0000 1-10035/1118	03/18/75	20	3498	34.6	141.3		GGFG	
10818W 3013N	1766-17065	00000/0000 1-10029/0503	08/28/74	40	681	54.0	118.0		GGGG	
10819W 4721N	1878-17210	00000/0000 1-10033/0125	12/18/74	90	2243	15.2	154.3		GGFG	
10819W 4720N	1932-17185	00000/0000 1-10034/0476	02/10/75	90	2996	21.9	146.3		FGGG	
10819W 4716N	1896-17202	00000/0000 1-10033/0689	01/05/75	40	2494	15.2	151.9		FGFG	
10819W 3016N	1748-17073	00000/0000 1-10027/1481	08/10/74	10	430	56.7	108.9		GGGG	
10820W 4727N	1986-17162	00000/0000 1-10036/0702	04/05/75	100	3749	41.4	138.8		GGFG	
10820W 4724N	5058-17123	00000/0000 1-10038/0695	06/16/75	80	4753	56.0	124.4		GGGF	
10820W 3021N	1856-17040	00000/0000 1-10032/0523	11/26/74	0	1936	31.6	147.8		GGGG	
10820W 3020N	1838-17044	00000/0000 1-10031/1114	11/08/74	100	1685	35.9	146.2		GGGP	
10820W 3019N	1874-17032	00000/0000 1-10033/0077	12/14/74	10	2187	28.7	147.2		FFPP	
10820W 3017N	1910-17015	00000/0000 1-10033/0897	01/19/75	0	2689	28.9	141.5		FGFG	
10821W 3021N	1946-17001	00000/0000 1-10035/0097	02/24/75	0	3191	36.9	132.7		FGFG	
10821W 3016N	1928-17010	00000/0000 1-10035/0309	02/06/75	10	2940	32.1	137.3		GGGG	
10822W 3022N	1820-17052	00000/0000 1-10031/0287	10/21/74	10	1434	40.8	142.3		GPPG	
10823W 4717N	5040-17133	00000/0000 1-10038/0385	05/29/75	10	4502	55.2	127.4		FGGG	
10823W 4309N	1805-17190	00000/0000 1-10030/1093	10/06/74	0	1225	36.4	147.7		GGGG	
10823W 3020N	5054-16545	00000/0000 1-10038/0662	06/12/75	10	4697	58.5	94.7		FFFF	
10824W 5006N	1789-17285	00000/0000 1-10030/0427	09/20/74	20	1002	36.7	149.0		GPPG	
10824W 4722N	5022-17143	00000/0000 1-10037/0739	05/11/75	40	4251	52.3	131.6		FFFF	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
10824W	3015N	1982-16583	00000/0000	1-10036/0578	04/01/75	10	3693	48.4	121.3		GGGF				
10825W	3854N	1804-17143	00000/0000	1-10030/1026	10/05/74	70	1211	39.7	144.2		PGGG				
10825W	3438N	1803-17100	00000/0000	1-10030/0998	10/04/74	30	1197	42.9	140.3		GGGG				
10826W	4313N	1841-17180	00000/0000	1-10032/0100	11/11/74	0	1727	25.2	153.7		PGGG				
10826W	4307N	1787-17193	00000/0000	1-10030/0263	09/18/74	0	974	42.2	142.3		GGGG				
10826W	3434N	1785-17103	00000/0000	1-10030/0254	09/16/74	60	946	48.0	133.0		PFGG				
10826W	3014N	5018-16564	00000/0000	1-10037/0666	05/07/75	0	4195	56.8	106.3		GGGG				
10828W	5006N	1771-17293	00000/0000	1-10029/0693	09/02/74	0	751	42.6	144.1		GGGG				
10828W	4316N	1823-17185	00000/0000	1-10031/0396	10/24/74	90	1476	30.5	151.6		PPPP				
10828W	4313N	5093-17060	00000/0000	1-10040/0237	07/21/75	30	5241	54.0	118.5		FGGG				
10829W	5009N	1879-17260	00000/0000	1-10033/0150	12/19/74	80	2257	12.9	155.4		F				
10829W	3440N	1839-17091	00000/0000	1-10031/1126	11/09/74	70	1699	32.4	148.9		PFGP				
10830W	4311N	1859-17172	00000/0000	1-10032/0574	11/29/74	10	1978	21.0	153.9		GGGG				
10830W	4304N	1769-17201	00000/0000	1-10029/0670	08/31/74	0	723	47.6	135.9		GGGG				
10830W	3439N	5091-16570	00000/0000	1-10040/0040	07/19/75	20	5213	55.8	104.3		GFUF				
10830W	3434N	1875-17074	00000/0000	1-10033/0044	12/15/74	40	2201	25.4	149.1		FFFF				
10830W	3431N	1767-17112	00000/0000	1-10029/0596	08/29/74	10	695	52.3	124.5		GGGG				
10831W	5006N	1753-17301	00000/0000	1-10027/1883	08/15/74	90	500	47.8	139.3		GGPG				
10831W	5005N	1897-17251	00000/0000	1-10033/0673	01/06/75	10	2508	13.1	153.0		PPF				
10831W	4306N	1733-17213	00000/0000	1-10027/0772	07/26/74	0	221	55.7	124.3		GGGG				M
10831W	3858N	1840-17134	00000/0000	1-10032/0024	11/10/74	50	1713	28.8	151.4		GGPP				
10831W	3439N	1821-17095	00000/0000	1-10031/0372	10/22/74	70	1448	37.5	145.7		PPPG				
10831W	3436N	1857-17083	00000/0000	1-10032/0551	11/27/74	0	1950	28.2	150.0		PPPP				
10831W	3434N	1731-17124	00000/0000	1-10027/0681	07/24/74	30	193	58.3	109.3		GGGG				
10831W	3433N	1749-17120	00000/0000	1-10027/1604	08/11/74	10	444	55.7	116.2		GGGG				
10832W	4311N	1949-17133	00000/0000	1-10035/0447	02/27/75	20	3233	30.2	141.1		GGGG				
10832W	4310N	5075-17070	00000/0000	1-10039/0335	07/03/75	10	4990	56.3	116.3		FFFG				
10832W	4306N	1931-17142	00000/0000	1-10034/0230	02/09/75	70	2982	24.6	144.1		GGGG				
10832W	4301N	1751-17205	00000/0000	1-10027/1709	08/13/74	50	472	52.1	129.5		PPPP				
10832W	3431N	1893-17070	00000/0000	1-10033/0595	01/02/75	40	2452	24.7	146.8		FFFG				
10833W	4311N	1967-17124	00000/0000	1-10036/0146	03/17/75	10	3484	36.8	138.0		GGGG				
10833W	4310N	1985-17115	00000/0000	1-10036/0632	04/04/75	60	3735	43.4	134.6		FFFG				
10833W	4309N	5057-17080	00000/0000	1-10039/0118	06/15/75	50	4739	57.3	117.2		FFFG				
10833W	4306N	1877-17164	00000/0000	1-10033/0083	12/17/74	20	2229	18.6	152.6		FFGG				
10833W	4302N	1895-17155	00000/0000	1-10033/0619	01/04/75	60	2480	18.4	150.2		GGFF				

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PAGE 0545

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS *5678	PRODUCTS			
LONG	LAT											B	P	P	B
10833W	3854N	5092-17013	00000/0000	1-10040/0213	07/20/75	20	5227	55.2	111.4		GGGG				
10833W	3852N	1732-17171	00000/0000	1-10027/0597	07/25/74	10	207	57.3	117.0		PGGG				
10833W	3436N	1965-17035	00000/0000	1-10036/0074	03/15/75	80	3456	40.8	131.1		FGFF				
10834W	3857N	1822-17142	00000/0000	1-10031/0379	10/23/74	90	1462	34.1	148.8		G GG				
10834W	3852N	1876-17121	00000/0000	1-10033/0119	12/16/74	70	2215	22.0	150.9		GGFG				
10834W	3850N	1750-17163	00000/0000	1-10027/1616	08/12/74	10	458	54.1	123.1		PPPG				
10834W	3848N	1768-17155	00000/0000	1-10029/0538	08/30/74	20	709	50.1	130.5		GGPG				
10834W	3847N	1894-17113	00000/0000	1-10033/0607	01/03/75	0	2466	21.6	148.5		FG G				
10834W	3433N	1983-17030	00000/0000	1-10036/0597	04/02/75	0	3707	47.0	125.9		GGGF				
10834W	3433N	5001-17020	00000/0000	1-10037/0351	04/20/75	0	3958	52.4	119.8		GGGG				
10834W	3432N	1929-17053	00000/0000	1-10034/0153	02/07/75	10	2954	29.7	139.7		GGFG				
10835W	3856N	1858-17125	00000/0000	1-10032/0562	11/28/74	100	1964	24.6	152.0		GGPG				
10835W	3856N	5074-17023	00000/0000	1-10039/0207	07/02/75	10	4976	57.2	108.9		GGFG				
10835W	3853N	1948-17091	00000/0000	1-10035/0329	02/26/75	0	3219	32.6	138.4		GGGG				
10835W	3436N	5055-16591	00000/0000	1-10038/0673	06/13/75	10	4711	58.6	102.2		FGGF				
10835W	3432N	5019-17011	00000/0000	1-10037/0671	05/08/75	0	4209	56.3	112.9		GGGF				
10835W	3430N	5073-16581	00000/0000	1-10039/0368	07/01/75	10	4962	57.6	101.1		FGFG				
10837W	4304N	5003-17110	00000/0000	1-10037/0687	04/22/75	50	3986	49.4	130.5		GFFF				
10837W	4303N	5039-17090	00000/0000	1-10038/0372	05/28/75	90	4488	56.7	120.7		GGGG				
10837W	3853N	1966-17082	00000/0000	1-10036/0085	03/16/75	20	3470	38.9	134.6		GGFG				
10837W	3851N	1930-17095	00000/0000	1-10034/0164	02/08/75	40	2968	27.2	141.9		GGGG				
10837W	3434N	5037-17001	00000/0000	1-10038/0456	05/26/75	10	4460	58.3	106.4		GGGG				
10838W	3851N	5056-17034	00000/0000	1-10039/0102	06/14/75	30	4725	58.2	109.7		GGFG				
10839W	3850N	1984-17073	00000/0000	1-10036/0621	04/03/75	10	3721	45.3	130.3		GGGF				
10840W	3848N	5020-17054	00000/0000	1-10037/0677	05/09/75	20	4223	55.3	119.4		GGGF				
10840W	3847N	5002-17063	00000/0000	1-10037/0361	04/21/75	20	3972	51.1	125.2		GGGG				
10841W	3849N	5038-17044	00000/0000	1-10038/0468	05/27/75	80	4474	57.7	113.7		FFGG				
10845W	2855N	1856-17042	00000/0000	1-10032/0524	11/26/74	10	1936	32.7	147.0		GGGG				
10845W	2854N	1838-17051	00000/0000	1-10031/1115	11/08/74	100	1685	36.9	145.3		GGGP				
10846W	4604N	1824-17234	00000/0000	1-10031/0502	10/25/74	0	1490	28.0	153.4		PPPG				
10846W	4600N	1806-17235	00000/0000	1-10030/1157	10/07/74	0	1239	34.0	150.0		GGGG				
10846W	4554N	1788-17242	00000/0000	1-10030/0276	09/19/74	70	988	40.0	145.1		PPPG				
10847W	2853N	5054-16551	00000/0000	1-10038/0663	06/12/75	10	4697	58.3	92.2		FFFF				
10848W	4603N	1842-17225	00000/0000	1-10032/0112	11/12/74	100	1741	22.6	155.1		PPPP				
10850W	4600N	1860-17221	00000/0000	1-10032/0625	11/30/74	20	1992	18.6	155.2		GGFG				

ORIGINAL PAGE IS
OF POOR QUALITY

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BLANK NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0546

PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D				
10850W	4552N	1770-17250	00000/0000	1-10029/0752	09/01/74	90	737	45.6	139.4		GGGG					
10851W	3312N	1803-17102	00000/0000	1-10030/0999	10/04/74	50	1197	43.8	139.0		GGGG					
10852W	4603N	5076-17115	00000/0000	1-10040/0112	07/04/75	50	5004	55.4	121.1		GGFF					
10852W	4601N	1950-17182	00000/0000	1-10035/0348	02/28/75	90	3247	28.7	142.8		GGGF					
10852W	4551N	1752-17255	00000/0000	1-10027/1720	08/14/74	90	486	50.5	133.6		GGGG					
10852W	3308N	1785-17110	00000/0000	1-10030/0255	09/16/74	40	946	48.7	131.4		PPG					
10853W	4558N	1734-17262	00000/0000	1-10027/0471	07/27/74	0	235	54.3	129.0		GGGG					
10853W	4555N	1932-17191	00000/0000	1-10034/0477	02/10/75	70	2996	22.9	145.5		GGGG					
10854W	4600N	1968-17174	00000/0000	1-10035/1119	03/18/75	60	3498	35.5	140.2		FGFG					
10854W	4556N	1878-17213	00000/0000	1-10033/0126	12/18/74	100	2243	16.3	153.7		GGFG					
10854W	4552N	1896-17204	00000/0000	1-10033/0690	01/05/75	50	2494	16.3	151.3		FFFF					
10854W	4143N	1805-17192	00000/0000	1-10030/1094	10/06/74	30	1225	37.4	146.6		GGGG					
10854W	3729N	1804-17145	00000/0000	1-10030/1027	10/05/74	50	1211	40.7	143.0		PGGG					
10855W	4602N	1986-17164	00000/0000	1-10036/0703	04/05/75	100	3749	42.2	137.3		GGFG					
10855W	4600N	5058-17125	00000/0000	1-10038/0696	06/16/75	70	4753	56.5	122.0		PPFF					
10855W	3315N	1839-17093	00000/0000	1-10031/1127	11/09/74	50	1699	33.4	148.1		PGPG					
10855W	3313N	5091-16573	00000/0000	1-10040/0041	07/19/75	40	5213	55.8	101.9		FGGF					
10855W	3305N	1767-17114	00000/0000	1-10029/0597	08/29/74	10	695	52.8	122.6		GGGG					
10856W	3309N	1875-17081	00000/0000	1-10033/0045	12/15/74	0	2201	26.5	148.5		PPPF					
10857W	4141N	1787-17195	00000/0000	1-10030/0264	09/18/74	0	974	43.2	140.9		GGGG					
10857W	3312N	1947-17050	00000/0000	1-10035/0176	02/25/75	0	3205	35.6	134.6		GGGF					
10857W	3310N	1857-17085	00000/0000	1-10032/0552	11/27/74	0	1950	29.3	149.3		PPGP					
10857W	3306N	1749-17122	00000/0000	1-10027/1605	08/11/74	10	444	56.0	114.0		GGGG			M	M	
10858W	4553N	5040-17140	00000/0000	1-10038/0386	05/29/75	10	4502	55.7	125.1		FGGG					
10858W	4147N	1841-17183	00000/0000	1-10032/0101	11/11/74	10	1727	26.3	152.9		PGPG					
10858W	3313N	1821-17102	00000/0000	1-10031/0373	10/22/74	60	1448	38.6	144.7		PPPP					
10858W	3309N	1731-17130	00000/0000	1-10027/0682	07/24/74	40	193	58.5	106.8		PGGG					
10858W	3305N	1893-17072	00000/0000	1-10033/0596	01/02/75	60	2452	25.7	146.1		GGGG					
10859W	4557N	5022-17145	00000/0000	1-10037/0740	05/11/75	50	4251	53.0	129.5		GGFF					
10859W	4150N	1823-17191	00000/0000	1-10031/0397	10/24/74	90	1476	31.6	150.7		PPGG					
10859W	4148N	5093-17062	00000/0000	1-10040/0238	07/21/75	20	5241	54.4	116.2		GGGG					
10859W	3732N	1840-17140	00000/0000	1-10032/0025	11/10/74	10	1713	29.9	150.6		GGPP					
10859W	3310N	1965-17042	00000/0000	1-10036/0075	03/15/75	40	3456	41.6	129.8		FFFF					
10859W	3306N	1929-17055	00000/0000	1-10034/0154	02/07/75	10	2954	30.6	138.8		GGFG					
10900W	4852N	1807-17284	00000/0000	1-10030/1033	10/08/74	0	1253	31.5	152.2		GGGG					

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 PRODUCTS ALREADY MADE R=MADE FROM RBV, M=MADE FROM MSS, B=MADE FROM RBV AND MSS.

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0547

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN FLEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D				
LONG	LAT		RBV	MSS								C	C	D	D	
10900W	3307N	1983-17032	00000/0000	1-10036/0598	04/02/75	0	3707	47.6	124.3		GGGG					M
10900W	3307N	5001-17023	00000/0000	1-10037/0352	04/20/75	0	3958	52.8	117.9		FGGG					
10901W	4145N	1859-17174	00000/0000	1-10032/0575	11/29/74	10	1978	22.2	153.3		GGGP					
10901W	4139N	1769-17204	00000/0000	1-10029/0671	08/31/74	10	723	48.3	134.3		GGGG					
10901W	3728N	5092-17020	00000/0000	1-10040/0214	07/20/75	30	5227	55.4	109.1		FFFG					
10901W	3310N	5055-16594	00000/0000	1-10038/0674	06/13/75	10	4711	58.6	99.6		FFGG					
10901W	3304N	5073-16584	00000/0000	1-10039/0369	07/01/75	10	4962	57.6	98.7		FGGG					
10902W	4854N	1843-17275	00000/0000	1-10032/0077	11/13/74	80	1755	20.0	156.6		GGGP					
10902W	4842N	1789-17291	00000/0000	1-10030/0428	09/20/74	30	1002	37.7	147.8		GGPG					
10902W	4141N	1733-17220	00000/0000	1-10027/0773	07/26/74	0	221	56.2	122.0		GGGG					
10902W	4136N	1751-17212	00000/0000	1-10027/1710	08/13/74	20	472	52.7	127.5		PPPP					
10902W	3726N	1876-17123	00000/0000	1-10033/0120	12/16/74	30	2215	23.1	150.3		FGGG					
10902W	3725N	1750-17165	00000/0000	1-10027/1617	08/12/74	10	458	54.6	121.0		PPGG					
10902W	3723N	1768-17161	00000/0000	1-10029/0539	08/30/74	30	709	50.8	128.7		GPPG					
10902W	3722N	1894-17115	00000/0000	1-10033/0608	01/03/75	0	2466	22.6	147.9		PG G					
10902W	3306N	5019-17013	00000/0000	1-10037/0672	05/08/75	0	4209	56.6	110.6		GGGG					
10903W	4854N	1825-17283	00000/0000	1-10031/0567	10/26/74	40	1504	25.4	155.2		G GG					
10903W	4146N	1949-17140	00000/0000	1-10035/0448	02/27/75	70	3233	31.1	140.1		GFGF					
10903W	4144N	5075-17073	00000/0000	1-10039/0336	07/03/75	10	4990	56.6	113.8		FGFG					
10903W	3731N	1822-17144	00000/0000	1-10031/0383	10/23/74	90	1462	35.2	147.8		PPPP					
10903W	3731N	1858-17132	00000/0000	1-10032/0563	11/28/74	90	1964	25.7	151.3		GGGG					
10903W	3308N	5037-17004	00000/0000	1-10038/0457	05/26/75	0	4460	58.4	103.9		GGGG					
10904W	4146N	1967-17131	00000/0000	1-10036/0147	03/17/75	10	3484	37.6	136.8		GFGG					
10904W	4144N	1985-17122	00000/0000	1-10036/0633	04/04/75	50	3735	44.2	133.2		FFFF					
10904W	4141N	1877-17170	00000/0000	1-10033/0084	12/17/74	20	2229	19.7	152.0		FFFG					
10904W	4137N	1895-17162	00000/0000	1-10033/0620	01/04/75	90	2480	19.5	149.6		FFFG					
10904W	3730N	5074-17030	00000/0000	1-10039/0208	07/02/75	10	4976	57.4	106.4		GGGG					
10904W	3727N	1948-17093	00000/0000	1-10035/0330	02/26/75	10	3219	33.4	137.4		GG					
10905W	4855N	1969-17223	00000/0000	1-10037/0001	03/19/75	20	3512	34.0	142.4		GG F					
10905W	4848N	1735-17312	00000/0000	1-10027/0841	07/28/74	20	249	52.8	133.4		GPGG					M
10905W	4145N	5057-17083	00000/0000	1-10039/0119	06/15/75	20	4739	57.7	114.7		GGFG					
10905W	3727N	1966-17084	00000/0000	1-10036/0086	03/16/75	10	3470	39.7	133.4		GGFF					
10905W	3725N	1930-17102	00000/0000	1-10034/0165	02/08/75	70	2968	28.1	141.1		GGFG					
10906W	4852N	1951-17232	00000/0000	1-10035/0512	03/01/75	50	3261	27.2	144.6		FGGG					
10906W	4841N	1771-17300	00000/0000	1-10029/0694	09/02/74	0	751	43.5	142.7		GGGG					

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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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ERTS-1
 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0548

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
10907W	4851N	5077-17164	00000/0000	1-10039/0422	07/05/75	10	5018	54.3	125.7		GGFG					
10907W	4848N	1933-17240	00000/0000	1-10034/0313	02/11/75	60	3010	21.2	147.0		GGFG					
10907W	4845N	1879-17262	00000/0000	1-10033/0137	12/19/74	90	2257	14.0	154.8		P P					
10907W	4138N	5003-17112	00000/0000	1-10037/0688	04/22/75	50	3986	50.1	128.7		FFFF					
10907W	4138N	5039-17093	00000/0000	1-10038/0373	05/28/75	90	4488	57.1	118.3		FFGF					
10907W	3726N	5056-17040	00000/0000	1-10039/0103	06/14/75	30	4725	58.4	107.2		GFFG					
10907W	3724N	1984-17075	00000/0000	1-10036/0622	04/03/75	0	3721	46.0	128.8		GFFF					
10908W	3722N	5002-17070	00000/0000	1-10037/0362	04/21/75	30	3972	51.6	123.3		GFFG					
10908W	3722N	5020-17060	00000/0000	1-10037/0678	05/09/75	20	4223	55.8	117.1		GGFF					
10909W	4848N	1987-17213	00000/0000	1-10037/0105	04/06/75	90	3763	40.9	140.0		FFFG					
10909W	4841N	1753-17304	00000/0000	1-10027/1884	08/15/74	70	500	48.6	137.5		GGGG					
10909W	4841N	1897-17254	00000/0000	1-10033/0674	01/06/75	20	2508	14.2	152.4		PPF					
10909W	4139N	5021-17103	00000/0000	1-10037/0851	05/10/75	10	4237	54.5	123.5		FGGF					
10909W	3723N	5038-17050	00000/0000	1-10038/0469	05/27/75	60	4474	58.0	111.2		FGGG					
10913W	4846N	5005-17204	00000/0000	1-10037/0787	04/24/75	10	4014	47.1	137.0		FFGF					
10917W	3146N	1803-17105	00000/0000	1-10030/1000	10/04/74	40	1197	44.7	137.7		GGGG					
10917W	3142N	1785-17112	00000/0000	1-10030/0256	09/16/74	30	946	49.5	129.7		GGG					
10919W	4429N	1788-17244	00000/0000	1-10030/0277	09/19/74	70	988	41.0	143.8		PGPG					
10919W	3149N	1839-17100	00000/0000	1-10031/1128	11/09/74	80	1699	34.5	147.3		PPGG					
10920W	4435N	1806-17241	00000/0000	1-10030/1158	10/07/74	0	1239	35.0	149.0		GGGP					
10920W	3148N	5091-16575	00000/0000	1-10040/0042	07/19/75	40	5213	55.9	99.6		GGFF					
10920W	3141N	1767-17121	00000/0000	1-10029/0598	08/29/74	0	695	53.3	120.6		GGGG					
10921W	4439N	1824-17240	00000/0000	1-10031/0503	10/25/74	0	1490	29.1	152.6		GPPG					
10921W	3605N	1804-17152	00000/0000	1-10030/1028	10/05/74	30	1211	41.7	141.9		PGGG					
10922W	4437N	1842-17232	00000/0000	1-10032/0113	11/12/74	80	1741	23.8	154.4		PPPP					
10922W	3145N	1857-17092	00000/0000	1-10032/0553	11/27/74	0	1950	30.4	148.5		PPPP					
10922W	3142N	1875-17083	00000/0000	1-10033/0046	12/15/74	0	2201	27.6	147.8		FFPF					
10922W	3140N	1749-17125	00000/0000	1-10027/1606	08/11/74	10	444	56.3	111.7		GGGG					
10923W	3149N	1821-17104	00000/0000	1-10031/0374	10/22/74	70	1448	39.6	143.7		PPPP					
10923W	3146N	1947-17053	00000/0000	1-10035/0177	02/25/75	0	3205	36.4	133.5		GGGG					
10923W	3143N	1731-17133	00000/0000	1-10027/0683	07/24/74	10	193	58.6	104.2		GGGP					
10923W	3140N	1893-17075	00000/0000	1-10033/0597	01/02/75	30	2452	26.8	145.5		GPFF					
10924W	4434N	1860-17224	00000/0000	1-10032/0626	11/30/74	20	1992	19.7	154.5		GFFG					
10924W	4428N	1770-17253	00000/0000	1-10029/0753	09/01/74	100	737	46.5	137.8		GP G					
10924W	4017N	1805-17195	00000/0000	1-10030/1095	10/06/74	10	1225	38.5	145.5		GGGG					

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

03:20 SEP 30, 1975

ERTS-1
 COORDINATE LISTING WITH REDUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0549

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
10925W	4438N	5076-17122	00000/0000	1-10040/0113	07/04/75	10	5004	55.8	118.8		GGFG				
10925W	4426N	1752-17261	00000/0000	1-10027/1721	08/14/74	60	486	51.2	131.7		GGGG				
10925W	3558N	1786-17155	00000/0000	1-10030/0239	09/17/74	50	960	46.9	134.9		GGGG				
10925W	3144N	1965-17044	00000/0000	1-10036/0076	03/15/75	10	3456	42.3	128.5		FFGF				
10925W	3141N	1929-17062	00000/0000	1-10034/0155	02/07/75	10	2954	31.5	138.0		GFGG				
10925W	3141N	5001-17025	00000/0000	1-10037/0353	04/20/75	0	3958	53.2	115.8		GGGG				
10926W	4436N	1950-17185	00000/0000	1-10035/0349	02/28/75	80	3247	29.7	141.9		GGGG				
10926W	4433N	1734-17265	00000/0000	1-10027/0472	07/27/74	0	235	54.9	126.8		GGGG				
10926W	3607N	1840-17143	00000/0000	1-10032/0026	11/10/74	10	1713	31.0	149.8		PG P				
10926W	3145N	5055-17000	00000/0000	1-10038/0675	06/13/75	0	4711	58.6	97.1		FFFG				
10926W	3141N	1983-17035	00000/0000	1-10036/0599	04/02/75	0	3707	48.2	122.6		FGGG				
10926W	3138N	5073-16590	00000/0000	1-10039/0370	07/01/75	20	4962	57.5	96.2		GGGF				
10927W	4435N	1968-17180	00000/0000	1-10035/1129	03/18/75	70	3498	36.3	139.0		G				
10927W	4431N	1878-17215	00000/0000	1-10033/0127	12/18/74	60	2243	17.4	153.1		GGFF				
10927W	4430N	1932-17194	00000/0000	1-10034/0478	02/10/75	50	2996	23.9	144.7		GGFG				
10927W	4016N	1787-17202	00000/0000	1-10030/0265	09/18/74	10	974	44.1	139.6		GGGG				
10928W	4436N	1986-17171	00000/0000	1-10036/0704	04/05/75	80	3749	43.0	135.9		GGFG				
10928W	4435N	5058-17132	00000/0000	1-10038/0697	06/16/75	90	4753	56.9	119.5		GGFF				
10928W	4426N	1896-17211	00000/0000	1-10033/0691	01/05/75	30	2494	17.4	150.7		FGG				
10928W	3142N	5037-17010	00000/0000	1-10038/0458	05/26/75	0	4460	58.5	101.4		FGGG				
10928W	3141N	5019-17020	00000/0000	1-10037/0673	05/08/75	0	4209	56.8	108.2		GGGG				
10929W	4025N	1823-17194	00000/0000	1-10031/0398	10/24/74	80	1476	32.7	149.9		GGGG				
10929W	4022N	5093-17065	00000/0000	1-10040/0239	07/21/75	30	5241	54.7	114.0		FGFG				
10929W	4021N	1841-17185	00000/0000	1-10032/0102	11/11/74	0	1727	27.4	152.2		PGGG				
10929W	3602N	5092-17022	00000/0000	1-10040/0215	07/20/75	40	5227	55.5	106.8		FFFG				
10929W	3600N	1876-17130	00000/0000	1-10033/0121	12/16/74	0	2215	24.2	149.7		FFGG				
10930W	4014N	1769-17210	00000/0000	1-10029/0672	08/31/74	10	723	49.1	132.6		GGGG				
10930W	3604N	1858-17134	00000/0000	1-10032/0564	11/28/74	40	1964	26.8	150.7		PGGG				
10930W	3600N	1732-17180	00000/0000	1-10027/0601	07/25/74	10	207	57.9	112.1		G				
10930W	3559N	1750-17172	00000/0000	1-10027/1618	08/12/74	10	458	55.1	118.9		PGGG				
10930W	3558N	1768-17164	00000/0000	1-10029/0540	08/30/74	30	709	51.4	126.9		PGPP				
10930W	3556N	1894-17122	00000/0000	1-10033/0609	01/03/75	0	2466	23.7	147.3		FG G				
10931W	4428N	5040-17142	00000/0000	1-10038/0387	05/29/75	10	4502	56.3	122.8		GGGG				
10931W	4020N	1859-17181	00000/0000	1-10032/0576	11/29/74	0	1978	23.3	152.6		PGGP				
10931W	3605N	1822-17151	00000/0000	1-10031/0384	10/23/74	60	1462	36.2	146.9		PPGP				

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
10932W	4432N	5022-17152	00000/0000	1-10037/0741	05/11/75	60	4251	53.6	127.5		GFFG				
10932W	4016N	1733-17222	00000/0000	1-10027/0774	07/26/74	20	221	56.7	119.7		GGGG				
10932W	3605N	5074-17032	00000/0000	1-10039/0209	07/02/75	30	4976	57.5	103.9		FGGG				
10932W	3601N	1948-17100	00000/0000	1-10035/0321	02/26/75	10	3219	34.3	136.4		F				
10932W	3559N	1930-17104	00000/0000	1-10034/0166	07/08/75	40	2968	29.0	140.3		GGFG				
10933W	4020N	1949-17142	00000/0000	1-10035/0449	02/27/75	50	3233	32.0	139.2		GGGG				
10933W	4020N	1967-17133	00000/0000	1-10036/0148	03/17/75	10	3484	38.5	135.6		GGGG				
10933W	4019N	5075-17075	00000/0000	1-10039/0337	07/03/75	30	4990	56.9	111.4		FFGP				
10933W	4016N	1931-17151	00000/0000	1-10034/0231	02/09/75	100	2982	26.5	142.5		FGGG				
10933W	3602N	1966-17091	00000/0000	1-10036/0087	03/16/75	0	3470	40.5	132.1		GGGF				
10934W	4015N	1877-17173	00000/0000	1-10033/0085	12/17/74	20	2229	20.9	151.4		FGFG				
10934W	4012N	1895-17164	00000/0000	1-10033/0621	01/04/75	80	2480	20.6	149.0		FFFG				
10934W	3600N	5056-17043	00000/0000	1-10039/0104	06/14/75	10	4725	58.5	104.6		GGGF				
10934W	3557N	1984-17082	00000/0000	1-10036/0623	04/03/75	10	3721	46.7	127.2		FGGF				
10935W	4019N	1985-17124	00000/0000	1-10036/0634	04/04/75	40	3735	44.9	131.7		FFGF				
10935W	4019N	5057-17085	00000/0000	1-10039/0120	06/15/75	20	4739	58.0	112.2		GGFG				
10935W	3556N	5002-17072	00000/0000	1-10037/0363	04/21/75	40	3972	52.2	121.4		GGFG				
10935W	3556N	5020-17063	00000/0000	1-10037/0679	05/09/75	10	4223	56.1	114.8		GGGG				
10936W	3558N	5038-17053	00000/0000	1-10038/0470	05/27/75	30	4474	58.2	108.6		GGGG				
10937W	4727N	1807-17291	00000/0000	1-10030/1034	10/08/74	0	1253	32.5	151.2		GGGG				
10937W	4013N	5003-17115	00000/0000	1-10037/0689	04/22/75	20	3986	50.7	126.8		GGFG				
10938W	4013N	5039-17095	00000/0000	1-10038/0374	05/28/75	90	4488	57.5	115.8		FFGG				
10939W	4728N	1843-17281	00000/0000	1-10032/0078	11/13/74	90	1755	21.2	155.9		GPPP				
10939W	4717N	1789-17294	00000/0000	1-10030/0429	09/20/74	40	1002	38.7	146.6		PGPG				
10939W	4013N	5021-17105	00000/0000	1-10037/0852	05/10/75	20	4237	55.1	121.3		FFGF				
10940W	4729N	1825-17285	00000/0000	1-10031/0572	10/26/74	40	1504	26.5	154.4		GGGG				
10941W	4725N	1861-17273	00000/0000	1-10032/0656	12/01/74	40	2006	17.2	155.7		PPPG				
10941W	3017N	1785-17115	00000/0000	1-10030/0257	09/16/74	10	946	50.2	128.1		GPPG				
10942W	4730N	1969-17225	00000/0000	1-10037/0002	03/19/75	60	3512	34.9	141.2		FGGG				
10942W	4723N	1735-17314	00000/0000	1-10027/0842	07/28/74	10	249	53.5	131.3		GGGG				M
10942W	4716N	1771-17302	00000/0000	1-10029/0695	09/02/74	10	751	44.4	141.2		GGGG				
10943W	4727N	1951-17234	00000/0000	1-10035/0513	07/01/75	80	3261	28.2	143.6		GGGG				
10943W	4727N	5077-17171	00000/0000	1-10039/0423	07/05/75	30	5018	54.8	123.4		FFGG				
10943W	4724N	1933-17243	00000/0000	1-10034/0314	02/11/75	30	3010	22.2	146.2		GGFG				
10944W	3023N	1839-17102	00000/0000	1-10031/1129	11/09/74	90	1699	35.6	146.4		PPPG				

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10945W 4721N	1879-17265	00000/0000	1-10033/0138	12/19/74	80	2257	15.1	154.2		FPPF	
10945W 4717N	1753-17310	00000/0000	1-10027/1885	08/15/74	40	500	49.4	135.7		PP G	
10945W 3021N	5091-16582	00000/0000	1-10040/0043	07/19/75	80	5213	55.8	97.3		FFFF	
10945W 3015N	1767-17123	00000/0000	1-10029/0599	08/29/74	0	695	53.8	118.6		GGGG	M
10946W 4716N	1897-17260	00000/0000	1-10033/0675	01/06/75	30	2508	15.3	151.8		PPF	
10946W 3016N	1875-17090	00000/0000	1-10033/0047	12/15/74	0	2201	28.6	147.1		FPPG	
10946W 3015N	1749-17131	00000/0000	1-10027/1607	08/11/74	20	444	56.6	109.3		GGGG	
10947W 3019N	1857-17094	00000/0000	1-10032/0554	11/27/74	0	1950	31.4	147.8		PPPP	
10948W 4720N	5041-17191	00000/0000	1-10038/0396	05/30/75	60	4516	55.3	127.3		GGG G	
10948W 3439N	1804-17154	00000/0000	1-10030/1029	10/05/74	40	1211	42.6	140.7		GGPG	
10948W 3019N	1947-17055	00000/0000	1-10035/0178	02/25/75	30	3205	37.2	132.4		GGGG	
10948W 3016N	1731-17135	00000/0000	1-10027/0684	07/24/74	20	193	58.7	101.7		GGGG	
10948W 3014N	1893-17081	00000/0000	1-10033/0598	01/02/75	20	2452	27.8	144.8		F G G	
10949W 4721N	5005-17210	00000/0000	1-10037/0788	04/24/75	20	4014	47.8	135.3		F G G G	
10949W 3018N	1965-17051	00000/0000	1-10036/0077	03/15/75	0	3456	42.9	127.1		F G F G	
10949W 3014N	1929-17064	00000/0000	1-10034/0156	02/07/75	10	2954	32.4	137.1		GGFG	
10950W 3014N	1983-17041	00000/0000	1-10036/0600	04/02/75	0	3707	48.7	120.9		F G G G	
10951W 5008N	1790-17343	00000/0000	1-10030/0441	09/21/74	30	1016	36.4	149.2		GGGG	
10951W 4304N	1788-17251	00000/0000	1-10030/0278	09/19/74	30	988	42.0	142.6		PGPG	
10952W 4309N	1806-17244	00000/0000	1-10030/1159	10/07/74	0	1239	36.1	148.0		GGGG	
10952W 3432N	1786-17162	00000/0000	1-10030/0240	09/17/74	30	960	47.7	133.4		GGPG	
10952W 3016N	5037-17013	00000/0000	1-10038/0459	05/26/75	0	4460	58.5	98.8		GGGG	
10953W 5006N	1772-17351	00000/0000	1-10029/0820	09/03/74	0	765	42.3	144.4		GGGG	
10953W 4314N	1824-17243	00000/0000	1-10031/0504	10/25/74	10	1490	30.2	151.7		GGPG	
10954W 5010N	1736-17363	00000/0000	1-10027/0881	07/29/74	10	263	51.8	135.5		GGGG	
10954W 5008N	1880-17314	00000/0000	1-10033/0168	12/20/74	100	2271	12.8	155.3		FPPF	
10954W 3852N	1805-17201	00000/0000	1-10030/1096	10/06/74	10	1225	39.5	144.4		GGGG	
10954W 3441N	1840-17145	00000/0000	1-10032/0027	11/10/74	10	1713	32.1	149.1		GPPG	
10955W 5008N	1898-17305	00000/0000	1-10033/0714	01/07/75	90	2522	13.2	152.9		FFGF	
10956W 4302N	1770-17255	00000/0000	1-10029/0754	09/01/74	40	737	47.3	136.3		GGGG	
10956W 3850N	1787-17204	00000/0000	1-10030/0266	09/18/74	20	974	45.0	138.2		PGGG	
10956W 3439N	1858-17141	00000/0000	1-10032/0565	11/28/74	0	1964	27.9	150.0		PPGG	
10956W 3437N	5092-17025	00000/0000	1-10040/0216	07/20/75	60	5227	55.7	104.5		FFFG	
10956W 3434N	1876-17132	00000/0000	1-10033/0122	12/16/74	0	2215	25.3	149.0		FFFG	
10956W 3433N	1750-17174	00000/0000	1-10027/1619	08/12/74	10	458	55.5	116.7		PGPG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
10956W 3433N	1768-17170	00000/0000	1-10029/0541	08/30/74	10	709	52.0	125.0		PGPP	
10957W 4313N	5076-17124	00000/0000	1-10040/0114	07/04/75	10	5004	56.2	116.4		GGFF	
10957W 4309N	1860-17230	00000/0000	1-10032/0627	11/30/74	10	1992	20.8	153.9		FGFF	
10957W 4301N	1752-17264	00000/0000	1-10027/1722	08/14/74	30	486	51.9	129.8		GGGG	
10957W 3434N	1732-17182	00000/0000	1-10027/0598	07/25/74	10	207	58.2	109.6		GGGG	
10957W 3430N	1894-17124	00000/0000	1-10033/0610	01/03/75	0	2466	24.7	146.6		FG G	
10958W 5006N	1754-17360	00000/0000	1-10027/1855	08/16/74	40	514	47.6	139.5		GGGG	
10958W 3900N	1823-17200	00000/0000	1-10031/0399	10/24/74	70	1476	33.7	149.0		GGPG	
10958W 3856N	1841-17192	00000/0000	1-10032/0103	11/11/74	0	1727	28.5	151.5		PPPG	
10958W 3439N	1822-17153	00000/0000	1-10031/0385	10/23/74	40	1462	37.2	145.9		GPGG	
10959W 4310N	1950-17191	00000/0000	1-10035/0350	02/28/75	80	3247	30.6	140.9		FFFF	
10959W 4310N	1986-17173	00000/0000	1-10036/0705	04/05/75	60	3749	43.8	134.4		GGFG	
10959W 4307N	1734-17271	00000/0000	1-10027/0473	07/27/74	0	235	55.5	124.6		GGGG	M M
10959W 4305N	1878-17222	00000/0000	1-10033/0128	12/18/74	40	2243	18.6	152.5		FGGG	
10959W 4305N	1932-17200	00000/0000	1-10034/0479	02/10/75	90	2996	24.9	143.9		FFGF	
10959W 3848N	1769-17213	00000/0000	1-10029/0673	08/31/74	0	723	49.8	130.9		GPGG	
10959W 3439N	5074-17035	00000/0000	1-10039/0210	07/02/75	30	4976	57.5	101.5		FFGF	
10959W 3435N	1948-17102	00000/0000	1-10035/0331	02/26/75	0	3219	35.1	135.3		GGFG	
10959W 3434N	1930-17111	00000/0000	1-10034/0167	02/08/75	30	2968	29.9	139.5		GGFG	
11000W 4309N	1968-17183	00000/0000	1-10035/1120	03/18/75	50	3498	37.2	137.8		GGFG	
11000W 4301N	1896-17213	00000/0000	1-10033/0692	01/05/75	30	2494	18.5	150.1		FFFF	
11000W 3854N	1859-17183	00000/0000	1-10032/0577	11/29/74	0	1978	24.4	152.0		PGPG	
11000W 3436N	1966-17093	00000/0000	1-10036/0088	03/16/75	0	3470	41.2	130.8		FGFG	
11000W 3434N	5056-17045	00000/0000	1-10039/0105	06/14/75	0	4725	58.6	102.0		FGGG	
11001W 5010N	5042-17240	00000/0000	1-10038/0513	05/31/75	50	4530	54.1	131.5		GGFF	
11001W 4309N	5058-17134	00000/0000	1-10038/0698	06/16/75	30	4753	57.3	117.1		GGGG	M
11001W 3850N	1733-17225	00000/0000	1-10027/0775	07/26/74	20	221	57.1	117.3		GGGG	
11001W 3432N	1984-17084	00000/0000	1-10036/0624	04/03/75	10	3721	47.3	125.6		GGFF	
11001W 3430N	5002-17075	00000/0000	1-10037/0364	04/21/75	40	3972	52.6	119.4		GGGG	
11002W 3854N	1949-17145	00000/0000	1-10035/0450	02/27/75	70	3233	32.9	138.2		GGFG	M
11002W 3850N	1931-17154	00000/0000	1-10034/0232	02/09/75	100	2982	27.4	141.7		FGGF	
11002W 3846N	1751-17221	00000/0000	1-10027/1711	08/13/74	10	472	53.9	123.5		PPPP	
11002W 3431N	5020-17065	00000/0000	1-10037/0680	05/09/75	20	4223	56.5	112.5		FGFF	
11003W 4303N	5040-17145	00000/0000	1-10038/0388	05/29/75	10	4502	56.8	120.4		FGGG	M M
11003W 3854N	1967-17140	00000/0000	1-10036/0149	03/17/75	0	3484	39.3	134.4		GGGG	

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ERTS-1
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 FROM 07/23/74 TO 07/23/75

PAGE 0553

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11003W	3854N	5075-17082	00000/0000	1-10039/0338	07/03/75	60	4990	57.1	108.9		GFGP					
11003W	3850N	1877-17175	00000/0000	1-10033/0086	12/17/74	20	2229	22.0	150.8		FFFG					
11003W	3846N	1895-17171	00000/0000	1-10033/0622	01/04/75	90	2480	21.6	148.4		FPGG					
11003W	3433N	5038-17055	00000/0000	1-10038/0471	05/27/75	10	4474	58.4	106.1		GFGG					
11004W	4307N	5022-17154	00000/0000	1-10037/0742	05/11/75	30	4251	54.2	125.3		GFFG					
11004W	3854N	5057-17092	00000/0000	1-10039/0121	06/15/75	10	4739	58.2	109.7		GFGG					
11004W	3853N	1985-17131	00000/0000	1-10036/0635	04/04/75	20	3735	45.7	130.1		GFFG					
11006W	3848N	5003-17121	00000/0000	1-10037/0690	04/22/75	20	3986	51.3	124.9		GGGF					
11007W	3848N	5039-17102	00000/0000	1-10038/0375	05/28/75	70	4488	57.8	113.4		GGFF					
11008W	3848N	5021-17112	00000/0000	1-10037/0853	05/10/75	10	4237	55.5	119.1		FGGF					
11009W	2857N	1839-17105	00000/0000	1-10031/1130	11/09/74	50	1699	36.6	145.5		PGFP					
11012W	4602N	1807-17293	00000/0000	1-10030/1035	10/08/74	0	1253	33.6	150.2		GGGG					
11013W	4552N	1789-17300	00000/0000	1-10030/0430	09/20/74	40	1002	39.7	145.4		GGPG					
11014W	4603N	1843-17284	00000/0000	1-10032/0079	11/13/74	90	1755	22.4	155.2		GPGG					
11014W	3314N	1804-17161	00000/0000	1-10030/1030	10/05/74	60	1211	43.5	139.4		PGGP					
11016W	4605N	1825-17292	00000/0000	1-10031/0573	10/26/74	20	1504	27.7	153.5		GPGG					
11017W	4604N	1969-17232	00000/0000	1-10037/0003	03/19/75	60	3512	35.8	140.1		FFFG					
11017W	4600N	1861-17275	00000/0000	1-10032/0657	12/01/74	10	2006	18.4	155.1		PGGG					
11017W	4557N	1735-17321	00000/0000	1-10027/0843	07/28/74	20	249	54.1	129.2		GGGG					
11017W	4551N	1771-17305	00000/0000	1-10029/0696	09/02/74	10	751	45.3	139.7		PGGG					
11018W	4602N	1951-17241	00000/0000	1-10035/0514	03/01/75	70	3261	29.1	142.7		GGGG					
11018W	4601N	5077-17173	00000/0000	1-10039/0424	07/05/75	20	5018	55.3	121.1		FGGG					
11018W	4558N	1933-17245	00000/0000	1-10034/0315	02/11/75	50	3010	23.2	145.4		GGFG					
11018W	3308N	1786-17164	00000/0000	1-10030/0241	09/17/74	20	960	48.5	131.8		GGGG					
11019W	4924N	1934-17294	00000/0000	1-10035/0098	02/12/75	100	3024	21.1	147.2		FFGF					
11020W	4558N	1987-17222	00000/0000	1-10037/0106	04/06/75	70	3763	42.6	137.1		FGGG					
11020W	4556N	1879-17271	00000/0000	1-10033/0139	12/19/74	70	2257	16.3	153.6		FFFF					
11020W	4551N	1753-17313	00000/0000	1-10027/1886	08/15/74	60	500	50.2	133.9		GPPG					
11020W	3314N	1840-17152	00000/0000	1-10032/0028	11/10/74	0	1713	33.2	148.2		GGPG					
11022W	4552N	1897-17263	00000/0000	1-10033/0685	01/06/75	70	2508	16.4	151.1		PF					
11022W	4139N	1788-17253	00000/0000	1-10030/0279	09/19/74	30	988	42.9	141.3		PGPG					
11022W	3313N	1858-17143	00000/0000	1-10032/0566	11/28/74	0	1964	29.0	149.3		GGGG					
11022W	3308N	1750-17181	00000/0000	1-10027/1620	08/12/74	10	458	55.9	114.4		PGPG					
11022W	3308N	1876-17195	00000/0000	1-10033/0110	12/16/74	0	2215	26.4	148.4		F FG					
11022W	3307N	1768-17173	00000/0000	1-10029/0542	08/30/74	10	709	52.6	123.1		PGP					

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
11023W	4556N	5041-17194	00000/0000	1-10038/0397	05/30/75	70	4516	55.8	125.0		FGFG				
11023W	4144N	1806-17250	00000/0000	1-10030/1160	10/07/74	0	1239	37.1	146.9		GGGG				
11023W	3726N	1805-17204	00000/0000	1-10030/1097	10/06/74	70	1225	40.4	143.3		GGGG				
11023W	3308N	1732-17185	00000/0000	1-10027/0599	07/25/74	10	207	58.4	107.1		GGGG		M		M
11023W	3304N	1894-17131	00000/0000	1-10033/0611	01/03/75	0	2466	25.8	146.0		PG G				
11024W	4853N	1808-17343	00000/0000	1-10030/1199	10/09/74	0	1267	31.1	152.4		PPP				
11024W	4556N	5005-17213	00000/0000	1-10037/0789	04/24/75	30	4014	48.6	133.5		GGFG				
11024W	3314N	1822-17160	00000/0000	1-10031/0386	10/23/74	40	1462	38.3	144.9		GGGG				
11024W	3309N	1948-17105	00000/0000	1-10035/0332	02/26/75	0	3219	36.0	134.3		FGGG				
11025W	4148N	1824-17245	00000/0000	1-10031/0505	10/25/74	10	1490	31.3	150.9		GGGG				
11025W	3724N	1787-17211	00000/0000	1-10030/0267	09/18/74	20	974	45.8	136.8		GGGG				
11025W	3313N	5074-17041	00000/0000	1-10039/0211	07/02/75	20	4976	57.5	99.0		FFGF				
11025W	3308N	1930-17113	00000/0000	1-10034/0168	02/08/75	20	2968	30.8	138.6		GGGG				
11026W	4146N	1842-17241	00000/0000	1-10032/0114	11/12/74	60	1741	26.0	153.0		GGG				
11026W	3734N	1823-17203	00000/0000	1-10031/0400	10/24/74	60	1476	34.8	148.1		GPPG				
11026W	3310N	1966-17100	00000/0000	1-10036/0089	03/16/75	0	3470	41.9	129.5		FGFF				
11026W	3309N	5056-17052	00000/0000	1-10039/0106	06/14/75	0	4725	58.6	99.4		GGFG				
11026W	3306N	1984-17091	00000/0000	1-10036/0625	04/03/75	0	3721	47.9	124.0		GGGF				
11027W	4137N	1770-17262	00000/0000	1-10029/0755	09/01/74	40	737	48.1	134.6		GGGG				
11027W	4136N	1752-17270	00000/0000	1-10027/1723	08/14/74	20	486	52.5	127.9		GGGG				
11027W	3731N	1841-17194	00000/0000	1-10032/0104	11/11/74	0	1727	29.7	150.7		PPPG				
11027W	3724N	1769-17215	00000/0000	1-10029/0674	08/31/74	0	723	50.5	129.1		GPGG				
11027W	3304N	5002-17081	00000/0000	1-10037/0365	04/21/75	10	3972	53.1	117.4		GFGG				
11028W	4148N	5076-17131	00000/0000	1-10040/0115	07/04/75	20	5004	56.5	114.0		GGFG				
11028W	4144N	1860-17233	00000/0000	1-10032/0628	11/30/74	0	1992	22.0	153.2		GGFF				
11028W	3307N	5038-17062	00000/0000	1-10038/0472	05/27/75	10	4474	58.5	103.6		GFGG				
11028W	3305N	5020-17072	00000/0000	1-10037/0681	05/09/75	10	4223	56.7	110.2		GGGG				
11029W	4854N	1826-17341	00000/0000	1-10031/0596	10/27/74	10	1518	25.1	155.3		GGFG				
11029W	4843N	1790-17345	00000/0000	1-10030/0442	09/21/74	10	1016	37.4	148.1		GGGG				
11029W	4142N	1734-17274	00000/0000	1-10027/0474	07/27/74	20	235	56.0	122.3		GGGG				
11029W	3728N	1859-17190	00000/0000	1-10032/0578	11/29/74	0	1978	25.5	151.3		GPPG				
11029W	3725N	1733-17231	00000/0000	1-10027/0776	07/26/74	30	221	57.5	114.9		GGGG				
11030W	4849N	1862-17325	00000/0000	1-10032/0767	12/02/74	80	2020	15.9	156.3		PPGP				
11030W	4145N	1950-17194	00000/0000	1-10035/0351	02/28/75	60	3247	31.5	139.9		GGGG				
11030W	4145N	1986-17180	00000/0000	1-10036/0706	04/05/75	30	3749	44.6	132.9		FGFG				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
11030W	4140N	1878-17224	00000/0000	1-10033/0129	12/18/74	0	2243	19.7	151.9		FGGF				
11030W	4140N	1932-17203	00000/0000	1-10034/0480	02/10/75	90	2996	25.8	143.1		GGGG				
11030W	4136N	1896-17220	00000/0000	1-10033/0693	01/05/75	60	2494	19.6	149.4		GGFG				
11030W	3725N	1931-17160	00000/0000	1-10034/0233	02/09/75	100	2982	28.4	140.9		GGGG				
11030W	3721N	1895-17173	00000/0000	1-10033/0623	01/04/75	20	2480	22.7	147.7		FFFG				
11030W	3720N	1751-17223	00000/0000	1-10027/1712	08/13/74	0	472	54.4	121.3		PPPP				
11031W	4852N	1844-17333	00000/0000	1-10031/1188	11/14/74	80	1769	19.8	156.6		PPP				
11031W	4144N	5058-17141	00000/0000	1-10038/0699	06/16/75	20	4753	57.7	114.6		GGGG				
11031W	4143N	1968-17185	00000/0000	1-10035/1121	03/18/75	60	3498	38.0	136.6		GGFG				
11031W	3729N	1967-17142	00000/0000	1-10036/0150	03/17/75	0	3484	40.0	133.1		FGGG				
11031W	3729N	5075-17084	00000/0000	1-10039/0339	07/03/75	70	4990	57.3	106.5		FFFF				
11031W	3728N	1949-17151	00000/0000	1-10035/0451	02/27/75	80	3233	33.8	137.2		GGFG				
11031W	3724N	1877-17182	00000/0000	1-10033/0087	12/17/74	0	2229	23.1	150.2		FFFF				
11032W	4851N	1952-17290	00000/0000	1-10035/0266	03/02/75	90	3275	27.6	144.5		FFFG				
11032W	4851N	5078-17222	00000/0000	1-10039/0437	07/06/75	10	5032	54.2	125.7		GGGF			M	
11032W	4845N	1736-17370	00000/0000	1-10027/0882	07/29/74	10	263	52.6	133.5		GGFG			M	
11032W	4842N	1772-17354	00000/0000	1-10029/0821	09/03/74	0	765	43.2	142.9		GGGG			M	
11032W	3727N	1985-17133	00000/0000	1-10036/0636	04/04/75	10	3735	46.3	128.6		FGGG				
11033W	4853N	1970-17281	00000/0000	1-10035/1168	03/20/75	90	3526	34.4	142.3		FFFF				
11033W	4843N	1880-17320	00000/0000	1-10033/0169	12/20/74	100	2271	14.0	154.7		GGFF				
11033W	3728N	5057-17094	00000/0000	1-10039/0122	06/15/75	10	4739	58.4	107.1		GGFG				
11033W	3722N	5003-17124	00000/0000	1-10037/0691	04/22/75	10	3986	51.9	123.0		GGGG				
11034W	4843N	1898-17312	00000/0000	1-10033/0715	01/07/75	80	2522	14.3	152.2		GGFG				
11034W	4139N	5040-17151	00000/0000	1-10038/0389	05/29/75	50	4502	57.2	118.0		FGGG				
11035W	4840N	1754-17362	00000/0000	1-10027/1856	08/16/74	20	514	48.4	137.8		GGGG			M	
11035W	3723N	5039-17104	00000/0000	1-10038/0376	05/28/75	70	4488	58.1	110.9		GGGG				
11035W	3722N	5021-17114	00000/0000	1-10037/0854	05/10/75	0	4237	55.9	116.8		FGGG				
11039W	4846N	5042-17243	00000/0000	1-10038/0514	05/31/75	60	4530	54.7	129.3		FGFF				
11039W	3147N	1804-17163	00000/0000	1-10030/1031	10/05/74	50	1211	44.4	138.1		PGGG				
11043W	3141N	1786-17171	00000/0000	1-10030/0242	09/17/74	40	960	49.2	130.2		GGGG				
11045W	4436N	1807-17300	00000/0000	1-10030/1036	10/08/74	10	1253	34.7	149.2		GGGP				
11046W	3148N	1840-17154	00000/0000	1-10032/0029	11/10/74	0	1713	34.3	147.4		PGPG				
11047W	4427N	1789-17303	00000/0000	1-10030/0431	09/20/74	30	1002	40.7	144.1		PGPG				
11047W	3142N	1768-17175	00000/0000	1-10029/0543	08/30/74	10	709	53.1	121.2		GGP				
11047W	3142N	1876-17141	00000/0000	1-10033/0111	12/16/74	0	2215	27.5	147.7		FFGG				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11047W	3141N	1750-17183	00000/0000	1-10027/1621	08/12/74	10	458	56.2	112.1		PGPG					
11048W	4438N	1843-17290	00000/0000	1-10032/0080	11/13/74	70	1755	23.5	154.5		PGGG					
11048W	3146N	1858-17150	00000/0000	1-10032/0567	11/28/74	0	1964	30.1	148.6		GGGG					
11048W	3138N	1894-17133	00000/0000	1-10033/0612	01/03/75	0	2466	26.8	145.3		PG F					
11049W	3148N	1822-17162	00000/0000	1-10031/0387	10/23/74	40	1462	39.3	143.9		GPFG					
11049W	3142N	1732-17191	00000/0000	1-10027/0600	07/25/74	0	207	58.5	104.6		GGGG		M		M	
11050W	4440N	1825-17294	00000/0000	1-10031/0574	10/26/74	0	1504	28.8	152.7		GGGG					
11050W	4426N	1771-17311	00000/0000	1-10029/0697	09/02/74	0	751	46.2	138.2		GGGG		M			
11050W	3147N	5074-17044	00000/0000	1-10039/0212	07/02/75	30	4976	57.4	96.5		GGGG					
11050W	3143N	1948-17111	00000/0000	1-10035/0333	02/26/75	10	3219	36.8	133.2		FGF					
11050W	3142N	1930-17120	00000/0000	1-10034/0169	02/08/75	10	2968	31.7	137.7		GGGG					
11051W	4439N	1969-17234	00000/0000	1-10037/0004	03/19/75	90	3512	36.7	138.9		GGGG					
11051W	4436N	5077-17180	00000/0000	1-10039/0425	07/05/75	30	5018	55.7	118.8		GGGG					
11051W	4434N	1861-17282	00000/0000	1-10032/0658	12/01/74	0	2006	19.5	154.5		PGGG					
11051W	4433N	1735-17323	00000/0000	1-10027/0844	07/28/74	30	249	54.7	127.1		GGGG		M			
11051W	4432N	1933-17252	00000/0000	1-10034/0316	02/11/75	70	3010	24.2	144.6		GGGG					
11051W	3601N	1805-17210	00000/0000	1-10030/1098	10/06/74	100	1225	41.4	142.2		GGGG					
11051W	3143N	1966-17102	00000/0000	1-10036/0090	03/16/75	0	3470	42.6	128.2		GFGG					
11052W	4436N	1951-17243	00000/0000	1-10035/0515	03/01/75	70	3261	30.0	141.7		GGGG					
11052W	4018N	1806-17253	00000/0000	1-10030/1161	10/07/74	10	1239	38.1	145.8		GGGG					
11052W	3558N	1787-17213	00000/0000	1-10030/0268	09/18/74	30	974	46.6	135.3		GGGG					
11052W	3140N	1984-17093	00000/0000	1-10036/0626	04/03/75	0	3721	48.5	122.3		FFFF					
11053W	4432N	1987-17225	00000/0000	1-10037/0107	04/06/75	70	3763	43.4	135.7		FFGG					
11053W	4426N	1753-17315	00000/0000	1-10027/1887	08/15/74	30	500	50.9	132.1		PGPG					
11053W	4014N	1788-17260	00000/0000	1-10030/0280	09/19/74	10	988	43.8	139.9		GGPG					
11053W	3141N	5038-17064	00000/0000	1-10038/0473	05/27/75	10	4474	58.5	101.0		GGFG					
11053W	3139N	5002-17084	00000/0000	1-10037/0366	04/21/75	0	3972	53.5	115.3		FFFG					
11054W	4430N	1879-17274	00000/0000	1-10033/0140	12/19/74	60	2257	17.4	153.0		FFFG					
11054W	3608N	1823-17205	00000/0000	1-10031/0401	10/24/74	30	1476	35.9	147.2		GPPG					
11054W	3140N	5020-17074	00000/0000	1-10037/0682	05/09/75	10	4223	56.9	107.8		GGGG					
11055W	4434N	5059-17190	00000/0000	1-10038/0676	06/17/75	80	4767	56.9	119.4		FFGG					
11055W	4427N	1897-17265	00000/0000	1-10033/0676	01/06/75	90	2508	17.5	150.5		PPPF					
11055W	4022N	1824-17252	00000/0000	1-10031/0506	10/25/74	10	1490	32.4	150.0		GGGG					
11055W	3606N	1841-17201	00000/0000	1-10032/0105	11/11/74	0	1727	30.8	149.9		PPPG					
11055W	3559N	1769-17222	00000/0000	1-10029/0675	08/31/74	0	723	51.2	127.3		GPPG					

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D			
LONG	LAT														
11056W	4759N	1934-17300	00000/0000	1-10035/0099	02/12/75	100	3024	22.1	146.4		FFFF				
11056W	4432N	5041-17200	00000/0000	1-10038/0398	05/30/75	60	4516	56.3	122.6		FGFG				
11056W	3602N	1859-17192	00000/0000	1-10032/0579	11/29/74	0	1978	26.7	150.7		PGPP				
11056W	3559N	1733-17234	00000/0000	1-10027/0777	07/26/74	40	221	57.8	112.4		GGGG				
11057W	4430N	5005-17215	00000/0000	1-10037/0790	04/24/75	20	4014	49.3	131.8		FGFG				
11057W	4022N	1842-17243	00000/0000	1-10032/0115	11/12/74	40	1741	27.2	152.3		PGPP				
11057W	4012N	1770-17264	00000/0000	1-10029/0756	09/01/74	30	737	48.9	133.0		GGGG		M		
11057W	4011N	1752-17273	00000/0000	1-10027/1724	08/14/74	20	486	53.1	125.9		GGGG		M		
11057W	3555N	1751-17230	00000/0000	1-10027/1713	08/13/74	0	472	54.9	119.2		PPPP				
11058W	4023N	5076-17133	00000/0000	1-10040/0116	07/04/75	40	5004	56.8	111.5		GFFG				
11058W	4018N	1860-17235	00000/0000	1-10032/0629	11/30/74	0	1992	23.1	152.6		GFFF				
11058W	3604N	5075-17091	00000/0000	1-10039/0340	07/03/75	60	4990	57.4	104.0		GGFF				
11058W	3602N	1949-17154	00000/0000	1-10035/0452	02/27/75	50	3233	34.6	136.2		GGGG				
11058W	3558N	1877-17184	00000/0000	1-10033/0088	12/17/74	0	2229	24.2	149.6		FFFF				
11058W	3555N	1895-17180	00000/0000	1-10033/0624	01/04/75	10	2480	23.7	147.1		GFFG				
11059W	4019N	1986-17182	00000/0000	1-10036/0707	04/05/75	10	3749	45.3	131.4		GGFG				
11059W	4016N	1734-17280	00000/0000	1-10027/0475	07/27/74	30	235	56.5	120.0		GGGG		M		
11059W	4015N	1878-17231	00000/0000	1-10033/0130	12/18/74	10	2243	20.8	151.3		GGGG				
11059W	3602N	1967-17145	00000/0000	1-10036/0151	03/17/75	0	3484	40.8	131.9		GGFG				
11059W	3601N	1985-17140	00000/0000	1-10036/0637	04/04/75	0	3735	47.0	127.0		GFFG				
11100W	4020N	1950-17200	00000/0000	1-10035/0352	07/28/75	50	3247	32.4	138.9		GGGG				
11100W	4014N	1932-17205	00000/0000	1-10034/0481	02/10/75	90	2996	26.8	142.3		FGGG				
11100W	4011N	1896-17222	00000/0000	1-10033/0694	01/05/75	40	2494	20.6	148.8		FGGG				
11100W	3602N	5057-17101	00000/0000	1-10039/0123	06/15/75	10	4739	58.5	104.5		FGFG				
11101W	4728N	1808-17345	00000/0000	1-10030/1200	10/09/74	0	1267	32.2	151.4		GPG				
11101W	4018N	1968-17192	00000/0000	1-10035/1122	03/18/75	40	3498	38.8	135.4		GGFF				
11101W	3556N	5003-17130	00000/0000	1-10037/0692	04/22/75	10	3986	52.4	121.0		FGGG				
11101W	3556N	5021-17121	00000/0000	1-10037/0855	05/10/75	0	4237	56.3	114.5		FGFF				
11102W	3557N	5039-17111	00000/0000	1-10038/0377	05/28/75	50	4488	58.3	108.3		GGGG				
11104W	4016N	5022-17163	00000/0000	1-10037/0743	05/11/75	10	4251	55.2	121.0		GFFG				
11104W	4014N	5040-17154	00000/0000	1-10038/0390	05/29/75	60	4502	57.6	115.6		FGFG				
11104W	3022N	1804-17170	00000/0000	1-10030/1032	10/05/74	50	1211	45.3	136.8		PGGG				
11105W	4718N	1790-17352	00000/0000	1-10030/0443	09/21/74	0	1016	38.4	146.9		GGGG				
11106W	4729N	1826-17344	00000/0000	1-10031/0597	10/27/74	10	1518	26.2	154.5		GGGG				
11107W	4724N	1862-17331	00000/0000	1-10032/0768	12/02/74	10	2020	17.1	155.7		PPPP				

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C - C D D
11108W	4727N	1844-17335	00000/0000	1-10031/1189	11/14/74	80	1769	20.9	155.9		PPP	
11108W	4726N	5078-17225	00000/0000	1-10039/0438	07/06/75	10	5032	54.7	123.4		FGGG	
11108W	4720N	1736-17372	00000/0000	1-10027/0883	07/29/74	10	263	53.3	131.5		GGGG	
11108W	4718N	1772-17360	00000/0000	1-10029/0822	09/03/74	0	765	44.2	141.5		GGGG	
11109W	4728N	1970-17283	00000/0000	1-10035/1169	03/20/75	30	3526	35.3	141.1		FFFG	
11109W	4727N	1952-17292	00000/0000	1-10035/0267	03/02/75	90	3275	28.5	143.5		FPFG	
11110W	4719N	1880-17323	00000/0000	1-10033/0170	12/20/74	100	2271	15.1	154.1		FFFF	
11110W	4718N	1898-17314	00000/0000	1-10033/0716	01/07/75	50	2522	15.4	151.6		GGGG	
11110W	3022N	1840-17161	00000/0000	1-10032/0030	11/10/74	0	1713	35.3	146.5		PG P	
11111W	4715N	1754-17365	00000/0000	1-10027/1857	08/16/74	10	514	49.2	136.0		GGGG	
11111W	3016N	1768-1718P	00000/0000	1-10029/0544	08/30/74	0	709	53.6	119.2		PPPG	
11112W	3020N	1858-17152	00000/0000	1-10032/0568	11/28/74	0	1964	31.2	147.8		GGGG	
11112W	3016N	1876-17144	00000/0000	1-10033/0123	12/16/74	0	2215	28.5	147.0		FFFG	
11112W	3015N	1750-17190	00000/0000	1-10027/1622	08/12/74	10	458	56.4	109.8		PPPP	
11113W	3022N	1822-17165	00000/0000	1-10031/0388	10/23/74	50	1462	40.3	142.9		PGGG	
11113W	3013N	1894-17140	00000/0000	1-10033/0613	01/03/75	0	2466	27.8	144.6		FG G	
11115W	4721N	5042-17245	00000/0000	1-10038/0515	05/31/75	80	4530	55.3	127.0		FGGE	
11115W	3021N	5074-17050	00000/0000	1-10039/0213	07/02/75	80	4976	57.3	94.1		GGGG	
11115W	3017N	1948-17114	00000/0000	1-10035/0334	02/26/75	50	3219	37.5	132.1		FGFG	
11115W	3017N	1966-17105	00000/0000	1-10036/0091	03/16/75	0	3470	43.3	126.8		FFGF	
11115W	3016N	1930-17122	00000/0000	1-10034/0170	02/08/75	10	2968	32.6	136.9		GFGG	
11116W	3017N	5056-17061	00000/0000	1-10039/0107	06/14/75	10	4725	58.4	94.4		GGFG	
11116W	3014N	1984-17100	00000/0000	1-10036/0627	04/03/75	0	3721	49.0	120.6		FGGF	
11117W	5008N	1791-17401	00000/0000	1-10030/0472	09/22/74	0	1030	36.0	149.5		GGGG	
11117W	3436N	1805-17213	00000/0000	1-10030/1099	10/06/74	100	1225	42.4	141.0		GGGG	
11117W	3432N	1787-17220	00000/0000	1-10030/0269	09/18/74	60	974	47.4	133.8		GGGG	
11118W	5009N	1773-17405	00000/0000	1-10029/0780	09/04/74	60	779	42.0	144.7		GPGG	
11118W	4311N	1807-17302	00000/0000	1-10030/1037	10/08/74	0	1253	35.7	148.2		GGGG	
11118W	3014N	5020-17081	00000/0000	1-10037/0683	05/09/75	10	4223	57.1	105.4		GGGG	
11118W	3013N	5002-17090	00000/0000	1-10037/0367	04/21/75	0	3972	53.8	113.3		FGGG	
11119W	4302N	1789-17305	00000/0000	1-10030/0432	09/20/74	10	1002	41.7	142.9		PPPG	
11120W	5007N	1899-17363	00000/0000	1-10033/0798	01/08/75	90	2536	13.3	152.7		GFPG	
11120W	4312N	1843-17293	00000/0000	1-10032/0081	11/13/74	30	1755	24.6	153.8		GGGG	
11121W	5010N	1737-17422	00000/0000	1-10027/0926	07/30/74	20	277	51.6	135.7		GGGG	
11121W	3853N	1806-17255	00000/0000	1-10030/1162	10/07/74	10	1239	39.1	144.8		GGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11121W 3443N	1823-17212	00000/0000	1-10031/0402	10/24/74	20	1476	36.9	146.2		GPPG	
11121W 3433N	1769-17224	00000/0000	1-10029/0676	08/31/74	0	723	51.8	125.5		GGGG	
11122W 5005N	1755-17414	00000/0000	1-10028/0001	08/17/74	10	528	47.3	139.8		GGGG	
11122W 4314N	1825-17301	00000/0000	1-10031/0575	10/26/74	0	1504	29.9	151.9		GPFG	
11122W 4301N	1771-17314	00000/0000	1-10029/0698	09/02/74	0	751	47.0	136.6		GGGG	M M
11122W 3848N	1788-17262	00000/0000	1-10030/0281	09/19/74	0	988	44.7	138.6		GGPG	
11122W 3439N	1841-17203	00000/0000	1-10032/0106	11/11/74	0	1727	31.9	149.2		PGGG	
11122W 3433N	1733-17240	00000/0000	1-10027/0778	07/26/74	20	221	58.0	110.0		GGGG	
11123W 4309N	1861-17284	00000/0000	1-10032/0659	12/01/74	0	2006	20.7	153.8		P	
11123W 4308N	1735-17330	00000/0000	1-10027/0845	07/28/74	20	249	55.3	124.8		GGGG	M M
11123W 4307N	1933-17254	00000/0000	1-10034/0317	02/11/75	70	3010	25.1	143.8		FGGG	
11123W 3437N	1859-17195	00000/0000	1-10032/0580	11/29/74	0	1978	27.8	150.0		PPPG	
11123W 3430N	1751-17232	00000/0000	1-10027/1714	08/13/74	10	472	55.3	117.0		PPPP	
11124W 4314N	1969-17241	00000/0000	1-10037/0005	03/19/75	90	3512	37.5	137.7		FFGG	
11124W 4311N	1951-17250	00000/0000	1-10035/0516	03/01/75	30	3261	30.9	140.8		GGFG	
11124W 4311N	5077-17182	00000/0000	1-10039/0426	07/05/75	10	5018	56.1	116.4		FGGF	
11124W 3437N	5075-17093	00000/0000	1-10039/0341	07/03/75	90	4990	57.4	101.5		GGFG	
11124W 3433N	1931-17165	00000/0000	1-10034/0234	02/09/75	20	2982	30.2	139.2		GGGG	
11124W 3432N	1877-17191	00000/0000	1-10033/0089	12/17/74	0	2229	25.2	148.9		FFFF	
11124W 3430N	1895-17182	00000/0000	1-10033/0625	01/04/75	0	2480	24.8	146.4		GGGG	
11125W 4307N	1987-17231	00000/0000	1-10037/0108	04/06/75	70	3763	44.2	134.2		GGFG	
11125W 4300N	1753-17322	00000/0000	1-10027/1888	08/15/74	0	500	51.6	130.2		PGGG	M
11125W 3857N	1824-17254	00000/0000	1-10031/0507	10/25/74	10	1490	33.5	149.1		PGPG	
11125W 3437N	1967-17151	00000/0000	1-10036/0152	03/17/75	0	3484	41.5	130.6		GGFG	
11125W 3436N	1985-17142	00000/0000	1-10036/0638	04/04/75	0	3735	47.6	125.4		GGFG	
11125W 3435N	1949-17160	00000/0000	1-10035/0453	02/27/75	20	3233	35.4	135.1		GGGG	
11126W 4305N	1879-17280	00000/0000	1-10033/0141	12/19/74	10	2257	18.5	152.4		FFFG	
11126W 3857N	1842-17250	00000/0000	1-10032/0116	11/12/74	20	1741	28.3	151.5		PPGG	
11126W 3853N	1860-17242	00000/0000	1-10032/0630	11/30/74	0	1992	24.2	152.0		FGFF	
11126W 3846N	1770-17271	00000/0000	1-10029/0757	09/01/74	10	737	49.6	131.3		GGPG	
11127W 4309N	5059-17192	00000/0000	1-10038/0677	06/17/75	90	4767	57.3	116.9		FGGG	
11127W 4301N	1897-17272	00000/0000	1-10033/0677	01/06/75	100	2508	18.6	149.9		PPPP	
11127W 3846N	1752-17275	00000/0000	1-10027/1725	08/14/74	10	486	53.7	123.8		GGGG	
11127W 3437N	5057-17103	00000/0000	1-10039/0124	06/15/75	10	4739	58.5	102.0		GGFG	
11127W 3431N	5003-17133	00000/0000	1-10037/0693	04/22/75	0	3986	52.9	119.0		GGGF	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11127W	3431N	5021-17123	00000/0000	1-10037/0856	05/10/75	0	4237	56.6	112.1		FGFG					
11128W	4306N	5041-17203	00000/0000	1-10038/0399	05/30/75	0	4516	56.8	120.3		FGGG					
11128W	3857N	5076-17140	00000/0000	1-10040/0117	07/04/75	20	5004	57.0	109.1		GGFG					
11128W	3854N	1986-17185	00000/0000	1-10036/0708	04/05/75	10	3749	46.0	129.9		GGFG					
11128W	3850N	1734-17283	00000/0000	1-10027/0476	07/27/74	20	235	56.9	117.6		GGGG					
11128W	3850N	1878-17233	00000/0000	1-10033/0131	12/18/74	10	2243	21.9	150.7		GGFG					
11128W	3432N	5039-17113	00000/0000	1-10038/0378	05/28/75	30	4488	58.4	105.8		GGGG					
11129W	4304N	5005-17222	00000/0000	1-10037/0791	04/24/75	20	4014	50.0	130.0		GGFG					
11129W	3853N	1950-17203	00000/0000	1-10035/0353	02/28/75	10	3247	33.3	138.0		G					
11129W	3852N	1968-17194	00000/0000	1-10035/1123	03/18/75	20	3498	39.6	134.1		GGFG					
11129W	3848N	1932-17212	00000/0000	1-10034/0482	02/10/75	70	2996	27.7	141.5		FGGG					
11129W	3846N	1896-17225	00000/0000	1-10033/0695	01/05/75	10	2494	21.7	148.2		GGGG					
11131W	4634N	1934-17303	00000/0000	1-10035/0100	02/12/75	100	3024	23.1	145.6		FFGG					
11132W	3850N	5022-17170	00000/0000	1-10037/0744	05/11/75	0	4251	55.7	118.7		GGFF					
11133W	3848N	5040-17160	00000/0000	1-10038/0391	05/29/75	80	4502	57.9	113.1		FFGG					
11136W	4603N	1808-17352	00000/0000	1-10030/1201	10/09/74	30	1267	33.3	150.5		PGG					
11140W	4554N	1790-17354	00000/0000	1-10030/0444	09/21/74	0	1016	39.4	145.7		GGGG					
11141W	4604N	1826-17350	00000/0000	1-10031/0598	10/27/74	10	1518	27.3	153.7		GGGG					
11142W	4602N	1844-17342	00000/0000	1-10031/1190	11/14/74	70	1769	22.1	155.2		PPP					
11142W	4559N	1862-17334	00000/0000	1-10032/0769	12/02/74	0	2020	18.2	155.1		PPGG					
11142W	3306N	1787-17222	00000/0000	1-10030/0270	09/18/74	60	974	48.2	132.3		GGGG					
11143W	4554N	1736-17375	00000/0000	1-10027/0884	07/29/74	20	263	54.0	129.4		GGGG					
11143W	4552N	1772-17363	00000/0000	1-10029/0823	09/03/74	0	765	45.0	140.0		GGGG					
11143W	3310N	1805-17215	00000/0000	1-10030/1100	10/06/74	100	1225	43.3	139.7		GGGG					
11144W	4603N	1970-17290	00000/0000	1-10035/1170	03/20/75	50	3526	36.2	139.9		FFFG					
11144W	4602N	1952-17295	00000/0000	1-10035/0268	03/02/75	70	3275	29.5	142.5		GGFG					
11144W	4601N	5078-17231	00000/0000	1-10039/0439	07/06/75	20	5032	55.2	121.1		GGGF					
11145W	4553N	1898-17321	00000/0000	1-10033/0717	01/07/75	90	2522	16.4	151.0		GGFG					
11145W	4552N	1754-17371	00000/0000	1-10027/1858	08/16/74	10	514	50.0	134.2		GGGG					
11146W	4554N	1880-17325	00000/0000	1-10033/0171	12/20/74	100	2271	16.2	153.5		FFFG					
11147W	3316N	1823-17214	00000/0000	1-10031/0389	10/24/74	10	1476	37.9	145.2		PPG					
11147W	3307N	1769-17231	00000/0000	1-10029/0677	08/31/74	0	723	52.4	123.6		GGGG				M	
11148W	3313N	1841-17210	00000/0000	1-10032/0107	11/11/74	0	1727	32.9	148.3		PPPG					
11148W	3308N	1733-17243	00000/0000	1-10027/0779	07/26/74	20	221	58.2	107.5		GGGG					
11149W	4146N	1807-17305	00000/0000	1-10030/1038	10/08/74	10	1253	36.8	147.2		GGGG				M	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11149W 3728N	1806-17262	00000/0000 1-10030/1163	10/07/74	20	1239	40.1	143.6		GGGG	
11149W 3310N	1859-17201	00000/0000 1-10032/0581	11/29/74	0	1978	28.9	149.3		PGGG	M
11149W 3304N	1751-17235	00000/0000 1-10027/1715	08/13/74	10	472	55.7	114.8		PPPP	
11150W 4556N	5042-17252	00000/0000 1-10038/0516	05/31/75	70	4530	55.9	124.7		GFFG	
11150W 4138N	1789-17312	00000/0000 1-10030/0433	09/20/74	0	1002	42.6	141.6		PPG	
11150W 3723N	1788-17265	00000/0000 1-10030/0282	09/19/74	0	988	45.5	137.2		GGPG	
11150W 3311N	5075-17100	00000/0000 1-10039/0342	07/03/75	70	4990	57.4	99.0		GFFF	
11150W 3310N	1949-17163	00000/0000 1-10035/0454	02/27/75	10	3233	36.3	134.1		FFGG	
11150W 3307N	1877-17193	00000/0000 1-10033/0090	12/17/74	0	2229	26.3	148.3		FG F	
11150W 3307N	1931-17172	00000/0000 1-10034/0235	02/09/75	0	2982	31.1	138.4		FGGG	
11150W 3304N	1895-17185	00000/0000 1-10033/0626	01/04/75	0	2480	25.8	145.8		GFFG	
11151W 4553N	5024-17262	00000/0000 1-10038/0199	05/13/75	10	4279	53.4	129.0		FGGG	
11151W 4147N	1843-17295	00000/0000 1-10032/0082	11/13/74	30	1755	25.8	153.0		GGGG	
11151W 3311N	1967-17154	00000/0000 1-10036/0153	03/17/75	0	3484	42.2	129.2		GGGG	
11151W 3310N	1985-17145	00000/0000 1-10036/0639	04/04/75	0	3735	48.2	123.7		GFGG	
11152W 3311N	5057-17110	00000/0000 1-10039/0125	06/15/75	0	4739	58.5	99.4		GFGF	M
11153W 4148N	1825-17303	00000/0000 1-10031/0576	10/26/74	30	1504	31.0	151.0		GPUG	
11153W 4136N	1771-17320	00000/0000 1-10029/0699	09/02/74	0	751	47.8	135.0		GGGG	
11153W 3306N	5021-17130	00000/0000 1-10037/0857	05/10/75	0	4237	56.9	109.8		FFGG	
11153W 3305N	5003-17135	00000/0000 1-10037/0694	04/22/75	20	3986	53.3	117.0		GGGG	
11154W 4847N	1863-17383	00000/0000 1-10032/0754	12/03/74	90	2034	15.8	156.3		GPGG	
11154W 4149N	1969-17243	00000/0000 1-10037/0006	03/19/75	40	3512	38.3	136.5		FFFF	
11154W 4142N	1735-17332	00000/0000 1-10027/0846	07/28/74	10	249	55.9	122.6		GGGG	M M
11154W 4142N	1933-17261	00000/0000 1-10034/0318	02/11/75	50	3010	26.1	143.0		FGGG	
11154W 3733N	1824-17261	00000/0000 1-10031/0508	10/25/74	10	1490	34.5	148.2		GGPG	
11154W 3732N	1842-17252	00000/0000 1-10032/0117	11/12/74	0	1741	29.4	150.8		PPPG	
11154W 3722N	1770-17273	00000/0000 1-10029/0758	09/01/74	0	737	50.3	129.6		GGGG	
11154W 3306N	5039-17120	00000/0000 1-10038/0379	05/28/75	40	4488	58.5	103.2		FGGG	
11155W 4854N	1827-17395	00000/0000 1-10031/0261	10/28/74	40	1532	24.8	155.4		GGGG	
11155W 4844N	1791-17403	00000/0000 1-10030/0473	09/22/74	10	1030	37.1	148.3		GGGP	
11155W 4146N	5077-17185	00000/0000 1-10039/0427	07/05/75	10	5018	56.4	114.0		GGGG	
11155W 4144N	1861-17291	00000/0000 1-10032/0660	12/01/74	10	2006	21.8	153.2		PPPG	M
11155W 3727N	1860-17244	00000/0000 1-10032/0631	11/30/74	0	1992	25.4	151.3		FGLG	
11155W 3720N	1752-17282	00000/0000 1-10027/1726	08/14/74	20	486	54.2	121.8		GGGG	
11156W 4853N	1953-17344	00000/0000 1-10035/0584	03/03/75	60	3289	27.9	144.4		F PF	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11156W	4845N	1773-17412	00000/0000	1-10029/0781	09/04/74	50	779	42.9	143.3		GPQG					
11156W	4145N	1951-17242	00000/0000	1-10035/0517	07/01/75	20	3261	31.8	139.8		FFQG					
11156W	4142N	1987-17244	00000/0000	1-10037/0109	04/06/75	80	3763	44.9	132.7		FGGF					
11156W	4139N	1879-17283	00000/0000	1-10033/0142	12/19/74	50	2257	19.6	151.8		FFFF					
11156W	4135N	1753-17324	00000/0000	1-10027/1889	08/15/74	0	500	52.3	128.2		PGPG				M	
11156W	3731N	5076-17142	00000/0000	1-10040/0118	07/04/75	40	5004	57.2	106.6		GGFG					
11156W	3728N	1986-17191	00000/0000	1-10036/0709	04/05/75	0	3749	46.7	128.3		GGFG					
11156W	3725N	1878-17240	00000/0000	1-10033/0132	12/18/74	0	2243	23.0	150.1		FGGF					
11156W	3724N	1734-17285	00000/0000	1-10027/0477	07/27/74	20	235	57.3	115.2		GGGG					
11156W	3721N	1896-17231	00000/0000	1-10033/0696	01/05/75	0	2494	22.7	147.6		GGGG					
11157W	3723N	1932-17214	00000/0000	1-10034/0483	02/10/75	70	2996	28.7	140.7		GGGG					
11158W	4846N	1881-17374	00000/0000	1-10033/0209	12/21/74	70	2285	13.9	154.6		FGFG					
11158W	4144N	5059-17195	00000/0000	1-10038/0678	06/17/75	40	4767	57.6	114.4		FGGG					
11158W	4136N	1897-17274	00000/0000	1-10033/0678	01/06/75	90	2508	19.6	149.3		PP P					
11158W	3728N	5058-17152	00000/0000	1-10038/0700	06/16/75	10	4753	58.3	107.0		FFFF					
11158W	3726N	1968-17201	00000/0000	1-10035/1124	03/18/75	10	3498	40.4	132.9		GGFG					
11159W	4857N	1971-17335	00000/0000	1-10036/0175	03/21/75	0	3540	34.8	142.2		FGFG					
11159W	4854N	5079-17280	00000/0000	1-10039/0448	07/07/75	100	5046	54.1	125.8		Q GG					
11159W	4851N	1935-17353	00000/0000	1-10034/0363	02/13/75	70	3038	21.8	146.7		GGGG					
11159W	4844N	1737-17424	00000/0000	1-10027/0927	07/30/74	60	277	52.4	133.7		GGGG					
11159W	4843N	1899-17370	00000/0000	1-10033/0799	01/08/75	10	2536	14.4	152.1		FGGG					
11159W	4141N	5041-17205	00000/0000	1-10038/0400	05/30/75	10	4516	57.2	117.8		PGGG					
11159W	3724N	5022-17172	00000/0000	1-10037/0745	05/11/75	0	4251	56.1	116.4		FFFF					
11200W	4840N	1755-17420	00000/0000	1-10028/0002	08/17/74	10	528	48.1	138.1		GGGG				M	
11200W	4139N	5005-17224	00000/0000	1-10037/0792	04/24/75	40	4014	50.7	128.1		FGFG					
11201W	3723N	5040-17163	00000/0000	1-10038/0392	05/29/75	70	4502	58.1	110.6		FGGG					
11204W	4846N	5025-17311	00000/0000	1-10038/0424	05/14/75	10	4293	52.2	133.0		GGGG					
11205W	4509N	1934-17305	00000/0000	1-10035/0101	02/12/75	100	3024	24.0	144.8		PPFG					
11207W	3141N	1787-17225	00000/0000	1-10030/0271	09/18/74	50	974	49.0	130.7		GGGP					
11209W	3144N	1805-17222	00000/0000	1-10030/1101	10/06/74	100	1225	44.2	138.5		GGPG					
11210W	4438N	1808-17354	00000/0000	1-10030/1202	10/09/74	90	1267	34.3	149.5		PPP					
11212W	3141N	1769-17233	00000/0000	1-10029/0678	08/31/74	10	723	52.9	121.7		GPUG					
11213W	3151N	1823-17221	00000/0000	1-10031/0390	10/24/74	10	1476	39.0	144.2		P PG					
11213W	3147N	1841-17212	00000/0000	1-10032/0108	11/11/74	0	1727	34.0	147.5		PGPP					
11213W	3142N	1733-17245	00000/0000	1-10027/0780	07/26/74	30	221	58.4	104.9		GGGG					

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
11214W	4430N	1790-17361	00000/0000	1-10030/0445	09/21/74	0	1016	40.4	144.5		GGGG				
11214W	3138N	1751-17241	00000/0000	1-10027/1716	08/13/74	0	472	56.0	112.5		PPPP				
11215W	4438N	1826-17353	00000/0000	1-10031/0599	10/27/74	20	1518	28.5	152.9		GPPG				
11215W	4437N	1844-17344	00000/0000	1-10031/1191	11/14/74	90	1769	23.3	154.5		PPP				
11215W	4426N	1772-17365	00000/0000	1-10029/0824	09/03/74	10	765	45.9	138.5		GGGG				
11215W	3145N	5075-17102	00000/0000	1-10039/0343	07/03/75	40	4990	57.4	96.6		GGGG				
11215W	3144N	1859-17204	00000/0000	1-10032/0582	11/29/74	0	1978	29.9	148.6		GGGG				
11215W	3141N	1877-17200	00000/0000	1-10033/0091	12/17/74	0	2229	27.4	147.6		FGFG				
11216W	4434N	1862-17340	00000/0000	1-10032/0770	12/02/74	0	2020	19.4	154.4		GGPG				
11216W	4429N	1736-17381	00000/0000	1-10027/0885	07/29/74	20	263	54.6	127.2		GGGG				
11216W	3148N	1967-17160	00000/0000	1-10036/0154	03/17/75	0	3484	42.9	127.9		FGFG				
11216W	3145N	1985-17151	00000/0000	1-10036/0640	04/04/75	0	3735	48.8	122.0		GGGG				
11216W	3144N	1949-17165	00000/0000	1-10035/0455	02/27/75	0	3233	37.0	133.0		FFGG				
11216W	3141N	1931-17174	00000/0000	1-10034/0236	02/09/75	0	2982	32.0	137.5		GGGG				
11216W	3138N	1895-17191	00000/0000	1-10033/0627	01/04/75	0	2480	26.8	145.1		GGFG				
11217W	3602N	1806-17264	00000/0000	1-10030/1164	10/07/74	40	1239	41.1	142.5		GGGG				
11217W	3148N	5057-17112	00000/0000	1-10039/0126	06/15/75	0	4739	58.5	96.8		GGGG				
11218W	4438N	1970-17292	00000/0000	1-10035/1171	03/20/75	60	3526	37.1	138.7		FFFG				
11218W	4436N	1952-17301	00000/0000	1-10035/0269	03/02/75	70	3275	30.4	141.5		FFFG				
11218W	4428N	5078-17244	00000/0000	1-10039/0440	07/06/75	20	5032	55.6	118.8		GGFG				
11218W	4427N	1754-17374	00000/0000	1-10027/1859	08/16/74	10	514	50.7	132.4		GGGG				
11218W	3558N	1788-17271	00000/0000	1-10030/0283	09/19/74	70	988	46.4	135.7		GGPG				
11218W	3141N	5021-17132	00000/0000	1-10037/0858	05/10/75	0	4237	57.1	107.4		FGFG				
11218W	3140N	5039-17122	00000/0000	1-10038/0380	05/28/75	10	4488	58.6	100.7		FFGG				
11218W	3139N	5003-17142	00000/0000	1-10037/0695	04/22/75	70	3986	53.7	114.9		GGFF				
11219W	4430N	1880-17332	00000/0000	1-10033/0172	12/20/74	100	2271	17.3	152.9		FF				
11219W	4428N	1898-17323	00000/0000	1-10033/0718	01/07/75	20	2522	17.5	150.4		GGGG				
11219W	4020N	1807-17311	00000/0000	1-10030/1039	10/08/74	10	1253	37.8	146.1		GGGG				M
11221W	4022N	1843-17302	00000/0000	1-10032/0083	11/13/74	10	1755	26.9	152.3		GGPG				
11221W	4012N	1789-17314	00000/0000	1-10030/0434	09/20/74	0	1002	43.5	140.3		GGPG				
11221W	3557N	1770-17280	00000/0000	1-10029/0759	09/01/74	0	737	51.0	127.8		GGPG				
11222W	3607N	1824-17263	00000/0000	1-10031/0509	10/25/74	10	1490	35.6	147.3		GGGG				
11222W	3606N	1842-17255	00000/0000	1-10032/0118	11/12/74	10	1741	30.5	150.0		GGGG				
11222W	3602N	1860-17261	00000/0000	1-10032/0632	11/30/74	50	1992	26.5	150.6		GGPF				
11222W	3559N	1878-17242	00000/0000	1-10033/0133	12/18/74	0	2243	24.1	149.5		GGGG				

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11222W	3555N	1752-17284	00000/0000	1-10027/1727	08/14/74	30	486	54.7	119.6		GGGG					
11223W	4431N	5042-17254	00000/0000	1-10038/0517	05/31/75	60	4530	56.4	122.4		GGFF					
11223W	4022N	1825-17310	00000/0000	1-10031/0568	10/26/74	70	1504	32.1	150.2		G GG					
11223W	4017N	1735-17335	00000/0000	1-10027/0847	07/28/74	10	249	56.3	120.3		GGGG		M		M	
11223W	4011N	1771-17323	00000/0000	1-10029/0700	09/02/74	0	751	48.6	133.4		GPGG					
11223W	3605N	5076-17145	00000/0000	1-10040/0119	07/04/75	60	5004	57.3	104.1		GGFG					
11223W	3602N	1986-17194	00000/0000	1-10036/0710	04/05/75	0	3749	47.3	126.7		GGFG					
11223W	3555N	1896-17234	00000/0000	1-10033/0697	01/05/75	0	2494	23.8	146.9		GGGG					
11224W	4024N	1969-17250	00000/0000	1-10037/0007	03/19/75	20	3512	39.2	135.2		GGGF					
11224W	4018N	1861-17293	00000/0000	1-10032/0661	12/01/74	10	2006	22.9	152.6		PPF					
11224W	3559N	1734-17292	00000/0000	1-10027/0478	07/27/74	10	235	57.6	112.8		GGGG					
11225W	4428N	5024-17264	00000/0000	1-10038/0200	05/13/75	0	4279	54.0	126.9		FGGG					
11225W	4016N	1933-17263	00000/0000	1-10034/0319	02/11/75	40	3010	27.0	142.2		FGFG					
11225W	4014N	1879-17285	00000/0000	1-10033/0143	12/19/74	60	2257	20.7	151.2		FF F					
11225W	3602N	1950-17212	00000/0000	1-10035/0354	02/28/75	0	3247	35.0	135.9		GGGG					
11225W	3602N	5058-17155	00000/0000	1-10038/0701	06/16/75	10	4753	58.5	104.4		FGGG					
11225W	3557N	1932-17221	00000/0000	1-10034/0484	02/10/75	70	2996	29.6	139.8		GGFF					
11226W	4021N	5077-17191	00000/0000	1-10039/0428	07/05/75	20	5018	56.7	111.6		GFGG					
11226W	4019N	1951-17255	00000/0000	1-10035/0518	03/01/75	10	3261	32.7	138.8		GGFG					
11226W	4016N	1987-17240	00000/0000	1-10037/0110	04/06/75	90	3763	45.7	131.1		GGGG					
11226W	4010N	1753-17331	00000/0000	1-10027/1890	08/15/74	0	500	52.9	126.3		PPPG					
11226W	3601N	1968-17203	00000/0000	1-10035/1125	03/18/75	0	3498	41.2	131.6		GGFF					
11226W	3558N	5022-17175	00000/0000	1-10037/0746	05/11/75	0	4251	56.5	114.1		GGFG					
11227W	4018N	5059-17201	00000/0000	1-10038/0679	06/17/75	70	4767	57.9	111.9		GFGG					
11227W	4011N	1897-17281	00000/0000	1-10033/0679	01/06/75	90	2508	20.7	148.7		PP P					
11229W	4017N	5041-17212	00000/0000	1-10038/0401	05/30/75	10	4516	57.6	115.4		PGGF					
11229W	4014N	5005-17231	00000/0000	1-10037/0793	04/24/75	20	4014	51.3	126.2		FGFF					
11229W	3557N	5040-17165	00000/0000	1-10038/0382	05/29/75	30	4502	58.3	108.0		F					
11231W	4723N	1863-17385	00000/0000	1-10032/0755	12/03/74	90	2034	16.9	155.6		GPPG					
11232W	4728N	1827-17402	00000/0000	1-10031/0262	10/28/74	30	1532	25.9	154.6		GPFG					
11232W	4719N	1791-17410	00000/0000	1-10030/0474	09/22/74	0	1030	38.1	147.1		GGGG					
11232W	3016N	1787-17231	00000/0000	1-10030/0272	09/18/74	30	974	49.7	129.1		GGGP					
11233W	4728N	1953-17350	00000/0000	1-10035/0585	03/03/75	90	3289	28.9	143.4		P PF					
11233W	4720N	1773-17414	00000/0000	1-10029/0782	09/04/74	50	779	43.8	141.8		GGGG					
11234W	3019N	1805-17224	00000/0000	1-10030/1102	10/06/74	90	1225	45.1	137.2		GGGG					

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P B P C C D D
11235W	4729N	5079-17283	00000/0000	1-10039/0449	07/07/75	80	5046	54.6	123.6		G GG	
11235W	4727N	1935-17355	00000/0000	1-10034/0364	02/13/75	60	3038	22.8	145.9		GGGG	
11235W	4722N	1881-17381	00000/0000	1-10033/0210	12/21/74	70	2285	15.0	154.0		FGPG	
11235W	4720N	1737-17431	00000/0000	1-10027/0928	07/30/74	70	277	53.1	131.7		GGGG	
11235W	4716N	1755-17423	00000/0000	1-10028/0003	08/17/74	0	528	48.9	136.3		GGGG	M
11236W	4731N	1971-17341	00000/0000	1-10036/0176	03/21/75	20	3540	35.7	141.0		GGFG	
11236W	4718N	1899-17372	00000/0000	1-10033/0800	01/08/75	50	2536	15.5	151.5		FGGF	
11236W	3015N	1769-17240	00000/0000	1-10029/0679	08/31/74	10	723	53.4	119.7		GPFG	
11237W	4344N	1934-17312	00000/0000	1-10035/0102	02/12/75	100	3024	25.0	143.9		PFGG	
11237W	3020N	1841-17215	00000/0000	1-10032/0109	11/11/74	0	1727	35.1	146.7		PGGP	M
11238W	3025N	1823-17223	00000/0000	1-10031/0391	10/24/74	10	1476	40.0	143.2		P PG	
11238W	3016N	1733-17252	00000/0000	1-10027/0781	07/26/74	40	221	58.5	102.4		GGGG	
11238W	3012N	1751-17244	00000/0000	1-10027/1717	08/13/74	0	472	56.3	110.2		PPPP	
11239W	3018N	1859-17210	00000/0000	1-10032/0583	11/29/74	10	1978	31.0	147.8		GGPP	
11239W	3016N	1877-17202	00000/0000	1-10033/0092	12/17/74	30	2229	28.5	146.9		FFFF	
11240W	4722N	5025-17313	00000/0000	1-10038/0425	05/14/75	20	4293	52.9	130.9		GGGG	
11240W	3011N	1895-17194	00000/0000	1-10033/0628	01/04/75	10	2480	27.9	144.4		FFGF	
11241W	5010N	1792-17455	00000/0000	1-10030/0487	09/23/74	0	1044	35.7	149.7		GGGG	
11241W	3018N	1967-17163	00000/0000	1-10036/0155	03/17/75	0	3484	43.6	126.5		GGGG	
11241W	3018N	1985-17154	00000/0000	1-10036/0641	04/04/75	0	3735	49.3	120.3		FFFF	
11241W	3017N	1949-17172	00000/0000	1-10035/0456	02/27/75	0	3233	37.8	131.9		GGGG	
11241W	3015N	1931-17181	00000/0000	1-10034/0237	02/09/75	0	2982	32.9	136.6		GGGF	
11242W	4313N	1808-17361	00000/0000	1-10030/1203	10/09/74	90	1267	35.4	148.5		PPP	
11242W	3019N	5057-17115	00000/0000	1-10039/0127	06/15/75	0	4739	58.4	94.3		FFGG	
11243W	5008N	1774-17464	00000/0000	1-10029/0857	09/05/74	100	793	41.7	145.0		GGGG	
11243W	4718N	5043-17303	00000/0000	1-10038/0008	06/01/75	0	4544	55.5	126.8		GGGG	
11243W	3015N	5021-17135	00000/0000	1-10037/0859	05/10/75	0	4237	57.2	105.0		GGFG	
11243W	3012N	5039-17125	00000/0000	1-10038/0381	05/28/75	0	4488	58.5	98.1		PGGG	
11244W	3436N	1806-17271	00000/0000	1-10030/1165	10/07/74	20	1239	42.0	141.3		GGPG	
11244W	3431N	1788-17274	00000/0000	1-10030/0284	09/19/74	70	988	47.2	134.2		PPGG	
11247W	4312N	1844-17351	00000/0000	1-10031/1192	11/14/74	90	1769	24.4	153.8		PPP	
11247W	4301N	1772-17372	00000/0000	1-10029/0825	09/03/74	0	765	46.7	137.0		GPG	
11248W	4313N	1826-17355	00000/0000	1-10031/0600	10/27/74	20	1518	29.6	152.0		PPGG	
11248W	4304N	1736-17384	00000/0000	1-10027/0886	07/29/74	10	263	55.2	125.0		GGGG	
11248W	3854N	1807-17314	00000/0000	1-10030/1040	10/08/74	60	1253	38.8	145.1		GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11248W 3432N	1770-17282	00000/0000	1-10029/0760	09/01/74	0	737	51.6	126.0		GGGG	
11248W 3430N	1752-17291	00000/0000	1-10027/1728	08/14/74	30	486	55.2	117.5		GGGG	
11249W 5005N	1756-17472	00000/0000	1-10028/0016	08/18/74	10	542	47.0	140.0		GGGG	
11249W 4308N	1862-17343	00000/0000	1-10032/0771	12/02/74	10	2020	20.5	153.8		GGGG	
11249W 3441N	1824-17270	00000/0000	1-10031/0510	10/25/74	20	1490	36.7	146.4		GPGG	
11249W 3439N	1842-17261	00000/0000	1-10032/0119	11/12/74	40	1741	31.6	149.2		PGGG	
11249W 3439N	5076-17151	00000/0000	1-10040/0120	07/04/75	70	5004	57.4	101.7		FGFG	
11249W 3436N	1860-17253	00000/0000	1-10032/0633	11/30/74	30	1992	27.6	150.0		GFFG	
11249W 3433N	1878-17245	00000/0000	1-10033/0134	12/18/74	0	2243	25.2	148.8		GFGG	
11250W 4310N	5078-17240	00000/0000	1-10039/0441	07/06/75	30	5032	56.0	116.4		GGGF	
11250W 4301N	1754-17380	00000/0000	1-10027/1860	08/16/74	0	514	51.4	130.5		GGGG	
11250W 3847N	1789-17321	00000/0000	1-10030/0435	09/20/74	0	1002	44.4	138.9		GGG	
11250W 3437N	1986-17200	00000/0000	1-10036/0711	04/05/75	0	3749	47.9	125.0		GGFG	
11250W 3434N	1734-17294	00000/0000	1-10027/0479	07/27/74	40	235	57.9	110.3		GGGG	
11250W 3429N	1896-17240	00000/0000	1-10033/0698	01/05/75	0	2494	24.8	146.3		GGGG	
11251W 4312N	1970-17295	00000/0000	1-10035/1172	03/20/75	70	3526	37.9	137.5		FGFG	
11251W 4311N	1952-17304	00000/0000	1-10035/0270	03/02/75	30	3275	31.3	140.6		GFFG	
11251W 4303N	1898-17330	00000/0000	1-10033/0719	01/07/75	40	2522	18.6	149.8		GGGG	
11251W 3856N	1843-17304	00000/0000	1-10032/0084	11/13/74	20	1755	28.0	151.6		GGGG	
11251W 3436N	1950-17214	00000/0000	1-10035/0355	02/28/75	0	3247	35.8	134.9		FGGG	
11251W 3431N	1932-17223	00000/0000	1-10034/0485	02/10/75	60	2996	30.5	139.0		GGFG	
11252W 4305N	1880-17334	00000/0000	1-10033/0173	12/20/74	100	2271	18.5	152.3		GFPG	
11252W 3857N	1825-17312	00000/0000	1-10031/0569	10/26/74	80	1504	33.2	149.3		G GG	
11252W 3846N	1771-17325	00000/0000	1-10029/0701	09/02/74	0	751	49.3	131.7		GGGG	
11252W 3435N	1968-17210	00000/0000	1-10035/1126	03/18/75	0	3498	41.9	130.3		GGFG	
11253W 3858N	1969-17252	00000/0000	1-10037/0008	03/19/75	10	3512	40.0	134.0		GFFG	
11253W 3853N	1861-17300	00000/0000	1-10032/0662	12/01/74	10	2006	24.1	151.9		GGGG	
11253W 3851N	1735-17341	00000/0000	1-10027/0848	07/28/74	10	249	56.8	117.9		GGGG	
11253W 3433N	5022-17181	00000/0000	1-10037/0747	05/11/75	0	4251	56.8	111.8		FFGF	
11254W 5010N	5044-17352	00000/0000	1-10038/0537	06/02/75	10	4558	54.3	131.1		FFGF	
11254W 5007N	5026-17362	00000/0000	1-10037/0839	05/15/75	40	4307	51.7	134.7		FFFG	
11254W 3851N	1933-17270	00000/0000	1-10034/0320	02/11/75	0	3010	28.0	141.3		FGFG	
11254W 3848N	1879-17292	00000/0000	1-10033/0144	12/19/74	40	2257	21.8	150.6		FFPF	
11255W 4306N	5042-17261	00000/0000	1-10038/0518	05/31/75	20	4530	56.9	120.0		FFGF	
11255W 3856N	5077-17194	00000/0000	1-10039/0429	07/05/75	20	5018	56.9	109.1		FGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
11255W	3853N	1951-17261	00000/0000	1-10035/0519	03/01/75	0	3261	33.6	137.8		GF+G				
11255W	3850N	1987-17243	00000/0000	1-10037/0111	04/06/75	90	3763	46.4	129.6		FGGF				
11255W	3845N	1753-17333	00000/0000	1-10027/1880	08/15/74	0	500	53.5	124.2		P G				
11255W	3845N	1897-17283	00000/0000	1-10033/0680	01/06/75	100	2508	21.8	148.0		PP P				
11255W	3431N	5040-17172	00000/0000	1-10038/0393	05/29/75	20	4502	58.5	105.5		GGG				
11256W	3853N	5059-17204	00000/0000	1-10038/0680	06/17/75	90	4767	58.1	109.4		GGGG				
11257W	4304N	5024-17271	00000/0000	1-10038/0201	05/13/75	0	4279	54.6	124.7		PGGG				
11258W	3852N	5041-17214	00000/0000	1-10038/0402	05/30/75	10	4516	57.9	112.9		FGGF				
11258W	3849N	5005-17233	00000/0000	1-10037/0794	04/24/75	10	4014	51.9	124.3		FF+F				
11306W	4558N	1863-17392	00000/0000	1-10032/0756	12/03/74	90	2034	18.1	155.0		GGGG				
11306W	4554N	1791-17412	00000/0000	1-10030/0475	09/22/74	0	1030	39.1	145.9		GGPG				
11308W	4603N	1827-17404	00000/0000	1-10031/0263	10/28/74	50	1532	27.0	153.8		GGPG				
11308W	4555N	1773-17421	00000/0000	1-10029/0783	09/04/74	60	779	44.7	140.4		GGGG				
11309W	4603N	1953-17353	00000/0000	1-10035/0591	03/03/75	70	3289	29.8	142.4		GPFF				
11309W	4219N	1934-17314	00000/0000	1-10035/0103	02/12/75	100	3024	26.0	143.1		PPPF				
11309W	3310N	1806-17273	00000/0000	1-10030/1166	10/07/74	20	1239	43.0	140.1		GGGP				
11310W	4603N	5079-17285	00000/0000	1-10039/0450	07/07/75	30	5046	55.1	121.3		F GG				
11310W	4602N	1935-17362	00000/0000	1-10034/0365	02/13/75	70	3038	23.7	145.1		GGGG				
11310W	4557N	1881-17383	00000/0000	1-10033/0211	12/21/74	50	2285	16.1	153.4		FFPG				
11310W	4551N	1755-17425	00000/0000	1-10028/0004	08/17/74	10	528	49.7	134.5		GGGP				
11311W	4605N	1971-17344	00000/0000	1-10036/0177	03/21/75	40	3540	36.6	139.8		+GF+G				
11311W	4556N	1737-17433	00000/0000	1-10027/0929	07/30/74	30	277	53.8	129.6		GGGG				
11311W	3305N	1788-17280	00000/0000	1-10030/0285	09/19/74	70	988	48.0	132.7		PPGG				
11312W	4553N	1899-17375	00000/0000	1-10033/0801	01/08/75	80	2536	16.5	150.8		FGGG				
11314W	4148N	1808-17363	00000/0000	1-10030/1204	10/09/74	40	1267	36.4	147.5		GGP				
11314W	3306N	1770-17285	00000/0000	1-10029/0761	09/01/74	0	737	52.2	124.1		GPG				
11314W	3304N	1752-17293	00000/0000	1-10027/1729	08/14/74	10	486	55.6	115.2		GGGG				
11315W	4556N	5025-17320	00000/0000	1-10038/0426	05/14/75	0	4293	53.6	128.8		GGGG				
11315W	3314N	5076-17154	00000/0000	1-10040/0121	07/04/75	50	5004	57.3	99.2		FGFF				
11315W	3313N	1842-17264	00000/0000	1-10032/0120	11/12/74	0	1741	32.7	148.4		GGG				
11315W	3310N	1860-17260	00000/0000	1-10032/0634	11/30/74	70	1992	28.7	149.3		GGFG				
11315W	3308N	1734-17301	00000/0000	1-10027/0480	07/27/74	30	235	58.1	107.8		GGGG				
11315W	3307N	1878-17251	00000/0000	1-10033/0135	12/18/74	0	2243	26.2	148.2		GG+G				
11316W	3728N	1807-17320	00000/0000	1-10030/1041	10/08/74	70	1253	39.8	144.0		GGGG				
11316W	3315N	1824-17272	00000/0000	1-10031/0511	10/25/74	70	1490	37.7	145.4		GPPG				

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 OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11316W	3310N	1950-17221	00000/0000	1-10035/0356	02/28/75	0	3247	36.6	133.8		GGGG					
11316W	3310N	1986-17203	00000/0000	1-10036/0712	04/05/75	0	3749	48.5	123.4		GGFG				M	
11316W	3303N	1896-17243	00000/0000	1-10033/0699	01/05/75	0	2494	25.9	145.6		FGGG					
11317W	4852N	1810-17460	00000/0000	1-10030/1273	10/11/74	60	1295	30.4	152.8		PGPG					
11318W	4553N	5043-17310	00000/0000	1-10038/0009	06/01/75	20	4544	56.0	124.5		GGGG					
11318W	4136N	1772-17374	00000/0000	1-10029/0826	09/03/74	10	765	47.6	135.4		GGPG					
11318W	3722N	1789-17323	00000/0000	1-10030/0436	09/20/74	0	1002	45.3	137.5		GGG					
11318W	3305N	1932-17230	00000/0000	1-10034/0486	02/10/75	20	2996	31.4	138.1		GGGG				M	
11319W	4852N	1828-17454	00000/0000	1-10031/0290	10/29/74	10	1546	24.4	155.5		PGGG					
11319W	4845N	1792-17461	00000/0000	1-10030/0488	09/23/74	0	1044	36.7	148.6		GGGG					
11319W	4147N	1826-17362	00000/0000	1-10031/0601	10/27/74	10	1518	30.7	151.2		GPGG					
11319W	4146N	1844-17353	00000/0000	1-10031/1193	11/14/74	90	1769	25.5	153.1		PPP					
11319W	4139N	1736-17390	00000/0000	1-10027/0887	07/29/74	10	263	55.7	122.8		GGGG					
11319W	3731N	1843-17311	00000/0000	1-10032/0085	11/13/74	70	1755	29.2	150.9		GGGP					
11319W	3309N	1968-17212	00000/0000	1-10035/1127	03/18/75	0	3498	42.6	128.9		FGFG					
11319W	3307N	5022-17184	00000/0000	1-10037/0748	05/11/75	0	4251	57.0	109.4		GGFG					
11320W	4852N	1846-17445	00000/0000	1-10032/0168	11/16/74	60	1797	19.3	156.7		GGPP					
11320W	3721N	1771-17332	00000/0000	1-10029/0702	09/02/74	10	751	50.1	130.0		GGGG					
11321W	4844N	1774-17470	00000/0000	1-10029/0858	09/05/74	70	793	42.6	143.6		GGGG					
11321W	4143N	1862-17345	00000/0000	1-10032/0772	12/02/74	10	2020	21.6	153.2		PPGG					
11321W	3732N	1825-17315	00000/0000	1-10031/0570	10/26/74	80	1504	34.2	148.4		G GP					
11321W	3725N	1735-17344	00000/0000	1-10027/0849	07/28/74	10	249	57.2	115.5		GGGG					
11321W	3723N	1879-17294	00000/0000	1-10033/0145	12/19/74	0	2257	22.9	150.0		FFFF				M	
11321W	3305N	5040-17174	00000/0000	1-10038/0394	05/29/75	10	4502	58.6	102.9		GGFG					
11322W	4848N	1900-17424	00000/0000	1-10033/0813	01/09/75	80	2550	14.5	151.9		GPFF					
11322W	4147N	1970-17301	00000/0000	1-10035/1173	03/20/75	70	3526	38.7	136.3		FFFG					
11322W	4146N	5078-17243	00000/0000	1-10039/0442	07/06/75	20	5032	56.3	114.0		GGGG					
11322W	4145N	1952-17310	00000/0000	1-10035/0271	03/02/75	50	3275	32.2	139.6		FFFG					
11322W	4138N	1898-17332	00000/0000	1-10033/0720	01/07/75	70	2522	19.7	149.1		GGGG					
11322W	4136N	1754-17383	00000/0000	1-10027/1861	08/16/74	0	514	52.1	128.6		GGGG					
11322W	3731N	1969-17255	00000/0000	1-10037/0009	03/19/75	20	3512	40.7	132.7		FFFG					
11322W	3727N	1861-17302	00000/0000	1-10032/0663	12/01/74	70	2006	25.2	151.3		PPGG					
11322W	3725N	1933-17272	00000/0000	1-10034/0321	02/11/75	0	3010	28.9	140.5		GGGG					
11323W	4854N	1936-17411	00000/0000	1-10034/0376	02/14/75	70	3052	22.1	146.6		FGGP					
11323W	4139N	1880-17341	00000/0000	1-10033/0174	12/20/74	100	2271	19.6	151.7		GFG					

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D			
11323W	3730N	5077-17200	00000/0000	1-10039/0430	07/05/75	30	5018	57.1	106.6		FFGG				
11323W	3727N	1951-17264	00000/0000	1-10035/0520	07/01/75	0	3261	34.4	136.7		GGGF				
11323W	3724N	1987-17245	00000/0000	1-10037/0112	04/06/75	80	3763	47.0	128.0		FFFF				
11323W	3720N	1753-17340	00000/0000	1-10027/1891	08/15/74	10	500	54.0	122.2		GGGG				
11323W	3720N	1897-17290	00000/0000	1-10033/0681	01/06/75	100	2508	22.8	147.4		PP F				
11324W	4852N	5080-17334	00000/0000	1-10040/0060	07/08/75	60	5060	53.9	125.8		GGGG				
11324W	4847N	1738-17482	00000/0000	1-10027/0982	07/31/74	0	291	52.2	134.0		GGGG				
11324W	4846N	1882-17433	00000/0000	1-10033/0020	12/22/74	100	2299	13.9	154.5		GGFF				
11324W	3727N	5059-17210	00000/0000	1-10038/0681	06/17/75	40	4767	58.3	106.8		FFGG				
11325W	4852N	1954-17402	00000/0000	1-10035/0780	03/04/75	10	3303	28.3	144.2		GGGG				
11325W	4847N	1864-17441	00000/0000	1-10032/0788	12/04/74	90	2048	15.6	156.2		PPPP				
11325W	3724N	5005-17240	00000/0000	1-10037/0795	04/24/75	0	4014	52.4	122.4		FGGG				
11326W	4140N	5042-17263	00000/0000	1-10038/0519	05/31/75	20	4530	57.3	117.6		FGGG				
11327W	4853N	1972-17393	00000/0000	1-10036/0156	03/22/75	100	3554	35.2	142.0		FFFF				
11327W	4841N	1756-17474	00000/0000	1-10028/0017	08/18/74	20	542	47.9	138.3		GGGG		M		M
11327W	4138N	5024-17273	00000/0000	1-10038/0202	05/13/75	0	4279	55.1	122.5		PGGG				
11327W	3727N	5041-17221	00000/0000	1-10038/0403	05/30/75	0	4516	58.2	110.4		FGGG				
11331W	4845N	5044-17355	00000/0000	1-10038/0538	06/02/75	40	4558	54.9	128.9		FFGF				
11333W	4843N	5026-17365	00000/0000	1-10037/0840	05/15/75	30	4307	52.4	132.7		GGFF				
11335W	3145N	1806-17280	00000/0000	1-10030/1167	10/07/74	50	1239	43.9	138.9		GPGG				
11336W	3140N	1788-17283	00000/0000	1-10030/0286	09/19/74	70	988	48.7	131.1		PGPG				
11339W	4054N	1934-17321	00000/0000	1-10035/0104	02/12/75	90	3024	26.9	142.3		FFFF				
11339W	3139N	1770-17291	00000/0000	1-10029/0762	09/01/74	80	737	52.8	122.2		GPG				
11339W	3137N	1752-17300	00000/0000	1-10027/1730	08/14/74	0	486	55.9	113.0		GGGG				
11340W	4432N	1863-17394	00000/0000	1-10032/0757	12/03/74	80	2034	19.2	154.4		GGGG				
11340W	4429N	1791-17415	00000/0000	1-10030/0476	09/22/74	0	1030	40.1	144.7		GGGG				
11340W	3147N	1842-17270	00000/0000	1-10032/0121	11/12/74	0	1741	33.8	147.6		PGG				
11340W	3141N	1734-17303	00000/0000	1-10027/0481	07/27/74	30	235	58.3	105.3		GGGG				
11341W	4430N	1773-17423	00000/0000	1-10029/0784	09/04/74	30	779	45.6	138.9		GPGG				
11341W	3144N	1860-17262	00000/0000	1-10032/0635	11/30/74	80	1992	29.8	148.5		FFFG				
11341W	3144N	1950-17223	00000/0000	1-10035/0357	02/28/75	0	3247	37.4	132.7		FFFF				
11341W	3141N	1878-17254	00000/0000	1-10033/0136	12/18/74	0	2243	27.3	147.5		FGFF				
11341W	3137N	1896-17245	00000/0000	1-10033/0700	01/05/75	0	2494	26.9	144.9		GGGF				
11342W	4438N	1827-17411	00000/0000	1-10031/0264	10/28/74	80	1532	28.2	153.0		GGGG				
11342W	3149N	1824-17275	00000/0000	1-10031/0512	10/25/74	30	1490	38.7	144.4		GPPG				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
11342W	3144N	1986-17205	00000/0000	1-10036/0713	04/05/75	10	3749	49.1	121.6		GGFG				
11343W	4438N	1953-17355	00000/0000	1-10035/0592	03/03/75	20	3289	30.7	141.4		FFFF				
11343W	4438N	5079-17292	00000/0000	1-10039/0451	07/07/75	10	5046	55.5	118.9		FGGG				
11343W	4437N	1935-17364	00000/0000	1-10034/0366	02/13/75	70	3038	24.7	144.3		FGGG				
11343W	3603N	1807-17323	00000/0000	1-10030/1042	10/08/74	40	1253	40.8	142.8		GGGG				
11343W	3139N	1932-17232	00000/0000	1-10034/0487	02/10/75	10	2996	32.3	137.2		GGFG				
11344W	4440N	1971-17350	00000/0000	1-10036/0178	03/21/75	60	3540	37.4	138.6		FGFF				
11344W	4432N	1881-17390	00000/0000	1-10033/0212	12/21/74	50	2285	17.3	152.8		GFPP				
11344W	4427N	1755-17432	00000/0000	1-10028/0005	08/17/74	10	528	50.4	132.7		GGGG				
11344W	4022N	1808-17370	00000/0000	1-10030/1205	10/09/74	10	1267	37.5	146.4		PGG				
11344W	3142N	1968-17215	00000/0000	1-10035/1128	03/18/75	0	3498	43.3	127.6		FFFF				
11345W	4430N	1737-17440	00000/0000	1-10027/0930	07/30/74	30	277	54.4	127.5		GGGG				
11345W	3142N	5022-17190	00000/0000	1-10037/0749	05/11/75	0	4251	57.2	107.0		FFGG				
11345W	3139N	5040-17181	00000/0000	1-10038/0395	05/29/75	0	4502	58.6	100.4		FGG				
11346W	4429N	1899-17381	00000/0000	1-10033/0802	01/08/75	80	2536	17.6	150.2		GGGF				
11346W	3556N	1789-17330	00000/0000	1-10030/0437	09/20/74	20	1002	46.1	136.1		GGPG				
11347W	3605N	1843-17313	00000/0000	1-10032/0086	11/13/74	60	1755	30.3	150.1		GG G				
11347W	3555N	1771-17334	00000/0000	1-10029/0703	09/02/74	20	751	50.7	128.2		GGGG				
11348W	4010N	1772-17381	00000/0000	1-10029/0827	09/03/74	10	765	48.3	133.8		GGGG				
11348W	3559N	1735-17350	00000/0000	1-10027/0850	07/28/74	10	249	57.5	113.1		GGGG				
11348W	3558N	1879-17301	00000/0000	1-10033/0146	12/19/74	0	2257	24.0	149.3		FFFF		M		M
11349W	4022N	1826-17364	00000/0000	1-10031/0602	10/27/74	10	1518	31.8	150.4		GGGG				
11349W	4020N	1844-17360	00000/0000	1-10031/1194	11/14/74	90	1769	26.7	152.4		PPP				
11349W	3607N	1825-17321	00000/0000	1-10031/0577	10/26/74	80	1504	35.3	147.5		GPPG				
11349W	3601N	1861-17305	00000/0000	1-10032/0664	12/01/74	50	2006	26.3	150.6		PGPG				
11349W	3559N	1987-17252	00000/0000	1-10037/0113	04/06/75	60	3763	47.7	126.3		GGGF				
11350W	4013N	1736-17393	00000/0000	1-10027/0888	07/29/74	10	263	56.2	120.5		GGGG				
11350W	3605N	1969-17261	00000/0000	1-10037/0010	03/19/75	10	3512	41.5	131.4		FFGF				
11350W	3604N	5077-17203	00000/0000	1-10039/0431	07/05/75	10	5018	57.2	104.2		GGGG				
11350W	3602N	1951-17270	00000/0000	1-10035/0521	03/01/75	0	3261	35.3	135.7		GGGG				
11350W	3559N	1933-17275	00000/0000	1-10034/0322	02/11/75	0	3010	29.8	139.7		GGFG				
11350W	3555N	1753-17342	00000/0000	1-10027/1881	08/15/74	10	500	54.5	120.1		P GG				
11351W	4428N	5043-17312	00000/0000	1-10038/0010	06/01/75	10	4544	56.5	122.1		GGFG				
11351W	4018N	1862-17352	00000/0000	1-10032/0773	12/02/74	10	2020	22.8	152.5		PPPG				
11351W	4013N	1898-17335	00000/0000	1-10033/0721	01/07/75	80	2522	20.7	148.5		GGGG				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
11351W	3555N	1897-17292	00000/0000	1-10033/0682	01/06/75	70	2508	23.8	146.7		P F				
11352W	4022N	1970-17304	00000/0000	1-10035/1174	03/20/75	80	3526	39.5	135.0		FFFF				
11352W	4021N	5078-17245	00000/0000	1-10039/0435	07/06/75	10	5032	56.6	111.6		F F				
11352W	4019N	1952-17313	00000/0000	1-10035/0272	03/02/75	30	3275	33.1	138.6		FFFG				
11352W	4011N	1754-17385	00000/0000	1-10027/1862	08/16/74	0	514	52.7	126.6		GGGG				M
11352W	3601N	5059-17213	00000/0000	1-10038/0682	06/17/75	60	4767	58.4	104.2		FGFG				
11353W	4014N	1880-17343	00000/0000	1-10033/0175	12/20/74	80	2271	20.7	151.1		FFFG				
11353W	3558N	5005-17242	00000/0000	1-10037/0796	04/24/75	0	4014	52.9	120.4		FFGF				
11354W	4728N	1810-17462	00000/0000	1-10030/1274	10/11/74	50	1295	31.5	151.9		GGGG				
11354W	3601N	5041-17223	00000/0000	1-10038/0404	05/30/75	0	4516	58.4	107.8		PGGF				
11355W	4720N	1792-17464	00000/0000	1-10030/0489	09/23/74	0	1044	37.7	147.4		GGGG				
11356W	4015N	5042-17270	00000/0000	1-10038/0520	05/31/75	10	4530	57.7	115.1		FGGG				
11357W	4727N	1828-17460	00000/0000	1-10031/0291	10/29/74	10	1546	25.6	154.7		PGG				
11357W	4727N	1846-17452	00000/0000	1-10032/0169	11/16/74	10	1797	20.4	156.0		GGGG				
11357W	4720N	1774-17473	00000/0000	1-10029/0859	09/05/74	40	793	43.5	142.1		GGGG				
11357W	4012N	5024-17280	00000/0000	1-10038/0203	05/13/75	0	4279	55.6	120.3		PGGG				
11359W	4729N	1936-17413	00000/0000	1-10034/0377	02/14/75	40	3052	23.0	145.8		GGGG				
11359W	4723N	1900-17431	00000/0000	1-10033/0814	01/09/75	80	2550	15.6	151.3		FGGF				
11400W	4727N	5080-17341	00000/0000	1-10040/0061	07/08/75	20	5060	54.5	123.6		GGGG				
11400W	4721N	1738-17485	00000/0000	1-10027/0983	07/31/74	20	291	52.9	131.9		GGGG				
11400W	3019N	1806-17282	00000/0000	1-10030/1168	10/07/74	80	1239	44.8	137.6		PGGG				
11401W	4727N	1954-17405	00000/0000	1-10035/0781	03/04/75	20	3303	29.3	143.2		GFFF				
11401W	4722N	1882-17435	00000/0000	1-10033/0021	12/22/74	90	2299	15.0	153.9		FFFF				
11402W	4722N	1864-17443	00000/0000	1-10032/0789	12/04/74	90	2048	16.8	155.6		PPP				
11403W	4716N	1756-17481	00000/0000	1-10028/0018	08/18/74	50	542	48.7	136.6		PGGG				
11405W	4727N	1972-17400	00000/0000	1-10036/0157	03/22/75	100	3554	36.1	140.8		GGGF				
11405W	3021N	1842-17273	00000/0000	1-10032/0122	11/12/74	0	1741	34.8	146.8		PPPP				
11406W	3023N	1824-17281	00000/0000	1-10031/0513	10/25/74	50	1490	39.7	143.4		GPPP				
11406W	3018N	1950-17230	00000/0000	1-10035/0358	02/28/75	0	3247	38.1	131.6		FFGG				
11406W	3017N	1860-17265	00000/0000	1-10032/0636	11/30/74	80	1992	30.8	147.8		GF F				
11407W	5008N	1793-17513	00000/0000	1-10030/0594	09/24/74	0	1058	35.3	150.0		GGGG				
11407W	4720N	5044-17361	00000/0000	1-10038/0539	06/02/75	50	4558	55.5	126.6		FFGF				
11407W	3018N	1986-17212	00000/0000	1-10036/0714	04/05/75	0	3749	49.6	119.9		GFFF				
11409W	4718N	5026-17371	00000/0000	1-10037/0841	05/15/75	40	4307	53.1	130.6		GGFF				M
11409W	3928N	1934-17323	00000/0000	1-10035/0105	02/12/75	90	3024	27.9	141.5		FFFF				

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11409W	3437N	1807-17325	00000/0000	1-10030/1043	10/08/74	50	1253	41.7	141.7		GGGP					M
11410W	5010N	1883-17484	00000/0000	1-10033/0258	12/23/74	10	2313	12.7	155.0		FGF F					
11410W	5007N	1775-17522	00000/0000	1-10029/0922	09/06/74	80	807	41.3	145.2		GGPG					
11412W	4307N	1863-17401	00000/0000	1-10032/0758	12/03/74	90	2034	20.3	153.7		GGGG					
11412W	4305N	1791-17421	00000/0000	1-10030/0477	09/22/74	0	1030	41.0	143.5		GGGG					
11412W	3429N	1789-17332	00000/0000	1-10030/0438	09/20/74	50	1002	46.9	134.6		PPPG					
11413W	5006N	1757-17530	00000/0000	1-10028/0095	08/19/74	30	556	46.7	140.3		PPPP					
11413W	3438N	1843-17320	00000/0000	1-10032/0087	11/13/74	50	1755	31.4	149.3		PGPG					
11414W	4313N	1827-17413	00000/0000	1-10031/0265	10/28/74	90	1532	29.3	152.2		GGGG					
11414W	4305N	1773-17430	00000/0000	1-10029/0785	09/04/74	0	779	46.4	137.4		GGGP					
11414W	3857N	1808-17372	00000/0000	1-10030/1206	10/09/74	20	1267	38.5	145.4		GGG					
11414W	3429N	1771-17341	00000/0000	1-10029/0704	09/02/74	10	751	51.4	126.4		PGPG					
11415W	5006N	1901-17480	00000/0000	1-10033/0845	01/10/75	40	2564	13.5	152.4		FG G					
11415W	4312N	1935-17371	00000/0000	1-10034/0367	02/13/75	90	3038	25.7	143.5		FGGG					
11415W	3440N	1825-17324	00000/0000	1-10031/0571	10/26/74	90	1504	36.4	146.6		G GG					
11415W	3434N	1735-17353	00000/0000	1-10027/0851	07/28/74	30	249	57.8	110.7		GGGG					
11415W	3432N	1879-17303	00000/0000	1-10033/0147	12/19/74	0	2257	25.1	148.7		PPFP					
11416W	4314N	1971-17353	00000/0000	1-10036/0179	03/21/75	100	3540	38.3	137.3		FFGG					
11416W	4313N	5079-17294	00000/0000	1-10039/0452	07/07/75	10	5046	55.9	116.6		F					
11416W	4312N	1953-17362	00000/0000	1-10035/0593	03/03/75	30	3289	31.6	140.4		FFFP					
11416W	4302N	1755-17434	00000/0000	1-10028/0006	08/17/74	0	528	51.2	130.9		GGGG					
11416W	3439N	1969-17264	00000/0000	1-10037/0011	03/19/75	20	3512	42.2	130.1		GGFF					
11416W	3435N	1861-17311	00000/0000	1-10032/0665	12/01/74	40	2006	27.4	149.9		PPGG					
11417W	4308N	1881-17392	00000/0000	1-10033/0213	12/21/74	90	2285	18.4	152.2		FG P					
11417W	4304N	1737-17442	00000/0000	1-10027/0931	07/30/74	10	277	55.0	125.3		GGGG					
11417W	3845N	1772-17383	00000/0000	1-10029/0828	09/03/74	10	765	49.1	132.1		GGGG					
11417W	3438N	5077-17205	00000/0000	1-10039/0432	07/05/75	30	5018	57.3	101.7		GGFP					
11417W	3436N	1951-17273	00000/0000	1-10035/0522	03/01/75	0	3261	36.1	134.6		GGGG					
11417W	3434N	1933-17281	00000/0000	1-10034/0323	02/11/75	0	3010	30.7	138.8		GGFP					
11417W	3428N	1753-17345	00000/0000	1-10027/1882	08/15/74	0	500	55.0	117.9		P GG					
11418W	5009N	5009-17430	00000/0000	1-10037/0376	04/28/75	70	4070	47.5	138.0		GGFG					
11418W	3856N	1826-17371	00000/0000	1-10031/0603	10/27/74	60	1518	32.9	149.5		GGPG					
11418W	3854N	1844-17362	00000/0000	1-10031/1195	11/14/74	80	1769	27.8	151.7		PPP					
11418W	3429N	1897-17295	00000/0000	1-10033/0683	01/06/75	40	2508	24.9	146.1		PPF					
11419W	4303N	1899-17384	00000/0000	1-10033/0803	01/08/75	90	2536	18.7	149.6		FFFG					

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11419W 3848N	1736-17395	00000/0000	1-10027/0889	07/29/74	10	263	56.6	118.2		GGGG	
11419W 3435N	5059-17215	00000/0000	1-10038/0683	06/17/75	0	4767	58.5	101.7		GFFF	
11419W 3432N	5005-17245	00000/0000	1-10037/0797	04/24/75	0	4014	53.4	118.3		FGFG	
11420W 3854N	5078-17257	00000/0000	1-10039/0436	07/06/75	10	5032	56.8	109.2		F GG	
11420W 3848N	1898-17341	00000/0000	1-10033/0722	01/07/75	40	2522	21.8	147.9		FGGG	
11420W 3846N	1754-17392	00000/0000	1-10027/1863	08/16/74	0	514	53.3	124.6		GGGG	
11421W 3855N	1970-17310	00000/0000	1-10035/1175	03/20/75	70	3526	40.3	133.7		FFTF	
11421W 3852N	1862-17354	00000/0000	1-10032/0774	12/02/74	0	2020	23.9	151.9		GGPG	
11421W 3435N	5041-17230	00000/0000	1-10038/0405	05/30/75	0	4516	58.5	105.3		PGFF	
11422W 4306N	5025-17325	00000/0000	1-10038/0427	05/14/75	10	4293	54.7	124.5		GGGG	
11422W 4303N	5043-17315	00000/0000	1-10038/0011	06/01/75	0	4544	57.0	119.7		GGFG	
11422W 3856N	5060-17262	00000/0000	1-10039/0143	06/18/75	#0	4781	58.1	109.3		GGGG	
11422W 3853N	1952-17315	00000/0000	1-10035/0273	03/02/75	40	3275	33.9	137.5		FFFG	
11422W 3848N	1880-17350	00000/0000	1-10033/0176	12/20/74	30	2271	21.8	150.5		FF G	
11425W 3847N	5024-17282	00000/0000	1-10038/0204	05/13/75	0	4279	56.0	118.0		FGGG	
11429W 4555N	1792-17470	00000/0000	1-10030/0490	09/23/74	60	1044	38.7	146.3		GGGG	
11430W 4603N	1810-17465	00000/0000	1-10030/1275	10/11/74	80	1295	32.6	150.9		GGGG	
11432W 4602N	1828-17463	00000/0000	1-10031/0292	10/29/74	30	1546	26.7	153.9		FGGG	
11432W 4555N	1774-17475	00000/0000	1-10029/0860	09/05/74	40	793	44.4	140.7		GGGG	
11433W 4602N	1846-17454	00000/0000	1-10032/0170	11/16/74	10	1797	21.6	155.3		GGGG	
11434W 4604N	1936-17420	00000/0000	1-10034/0378	02/14/75	70	3052	24.0	145.0		GGGG	
11434W 4559N	1900-17433	00000/0000	1-10033/0815	01/09/75	80	2550	16.6	150.7		GGG	
11435W 4602N	5080-17343	00000/0000	1-10040/0062	07/08/75	10	5060	55.0	121.3		PGTG	
11435W 4555N	1738-17491	00000/0000	1-10027/0984	07/31/74	30	291	53.5	129.9		GGGG	
11435W 3311N	1807-17332	00000/0000	1-10030/1044	10/08/74	20	1253	42.7	140.5		GGGP	M
11437W 4603N	1990-17393	00000/0000	1-10037/0130	04/09/75	60	3805	43.6	136.7		FGGG	
11437W 4601N	1954-17411	00000/0000	1-10035/0782	03/04/75	60	3303	30.2	142.2		FFFF	
11437W 4557N	1864-17450	00000/0000	1-10032/0790	12/04/74	80	2048	17.9	154.9		PPPP	
11437W 4557N	1882-17442	00000/0000	1-10033/0022	12/22/74	100	2299	16.1	153.3		FFFG	
11437W 3802N	1934-17330	00000/0000	1-10035/0106	07/12/75	90	3024	28.8	140.7		FFGF	
11438W 4551N	1756-17483	00000/0000	1-10028/0019	08/18/74	20	542	49.4	134.8		GGGG	
11438W 3304N	1789-17335	00000/0000	1-10030/0439	09/20/74	#0	1002	47.7	133.1		PGPG	
11439W 4920N	1955-17455	00000/0000	1-10035/0872	03/05/75	80	3317	28.4	144.4		GGGG	
11439W 4601N	5062-17354	00000/0000	1-10038/0686	06/20/75	90	4809	56.4	121.6		FGFG	
11440W 4602N	1972-17402	00000/0000	1-10036/0158	03/22/75	60	3554	37.0	139.6		GFFF	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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 COORDINATE LISTING WITH PRODUCT DATA
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 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11440W 3312N	1843-17322	00000/0000	1-10032/0088	11/13/74	10	1755	32.4	148.5		GGGP	
11440W 3308N	1735-17355	00000/0000	1-10027/0852	07/28/74	20	249	58.0	108.2		GGPG	
11440W 3303N	1771-17343	00000/0000	1-10029/0705	09/02/74	50	751	52.0	124.6		GGGG	
11441W 3314N	1825-17330	00000/0000	1-10031/0578	10/26/74	60	1504	37.4	145.6		GGGG	
11441W 3306N	1879-17310	00000/0000	1-10033/0148	12/19/74	0	2257	26.2	148.0		PF G	M
11442W 4556N	5044-17364	00000/0000	1-10038/0540	06/02/75	70	4558	56.1	124.3		FFFF	
11442W 3731N	1808-17375	00000/0000	1-10030/1207	10/09/74	20	1267	39.5	144.3		GGG	
11442W 3313N	1969-17270	00000/0000	1-10037/0012	03/19/75	30	3512	42.9	128.7		FFFF	
11442W 3312N	5077-17212	00000/0000	1-10039/0433	07/05/75	10	5018	57.3	99.3		GGFF	
11442W 3309N	1861-17314	00000/0000	1-10032/0666	12/01/74	60	2006	28.5	149.2		GGGG	
11442W 3303N	1753-17351	00000/0000	1-10027/1892	08/15/74	0	500	55.4	115.7		GGGP	
11443W 4855N	1811-17514	00000/0000	1-10030/1317	10/12/74	50	1309	30.0	153.0		GGPG	
11443W 4554N	5026-17374	00000/0000	1-10037/0842	05/15/75	30	4307	53.8	128.5		GGFG	
11443W 3310N	1951-17275	00000/0000	1-10035/0523	03/01/75	0	3261	36.9	133.6		GGG	
11443W 3308N	1933-17284	00000/0000	1-10034/0324	02/11/75	0	3010	31.6	137.9		FFFF	
11443W 3303N	1897-17301	00000/0000	1-10033/0686	01/06/75	0	2508	25.9	145.4		PG	
11444W 4141N	1863-17403	00000/0000	1-10032/0759	12/03/74	90	2034	21.5	153.1		GPPG	
11444W 4140N	1773-17432	00000/0000	1-10029/0786	09/04/74	0	779	47.3	135.8		GGPG	
11444W 4140N	1791-17424	00000/0000	1-10030/0478	09/22/74	0	1030	42.0	142.3		GGGG	
11444W 3309N	5059-17222	00000/0000	1-10038/0684	06/17/75	0	4767	58.5	99.1		GGFG	
11445W 4843N	1793-17520	00000/0000	1-10030/0595	09/24/74	0	1058	36.4	148.8		GGGG	
11445W 4148N	1827-17420	00000/0000	1-10031/0266	10/28/74	100	1532	30.4	151.4		GGGG	
11445W 3720N	1772-17390	00000/0000	1-10029/0829	09/03/74	10	765	49.8	130.4		GGGG	
11446W 4147N	1935-17373	00000/0000	1-10034/0368	02/13/75	90	3038	26.6	142.6		GGGG	
11446W 3728N	1844-17365	00000/0000	1-10031/1196	11/14/74	90	1769	28.9	150.9		PPP	
11446W 3308N	5041-17232	00000/0000	1-10038/0406	05/30/75	0	4516	58.6	102.7		FUG	
11446W 3307N	5005-17251	00000/0000	1-10037/0798	04/24/75	0	4014	53.8	116.2		FGGG	M
11447W 4148N	1971-17355	00000/0000	1-10036/0180	03/21/75	100	3540	39.1	136.1		GGGF	
11447W 4148N	5079-17301	00000/0000	1-10039/0453	07/07/75	10	5046	56.2	114.2		GGGF	
11447W 4146N	1953-17364	00000/0000	1-10035/0594	03/03/75	0	3289	32.5	139.4		FFFF	
11447W 4136N	1755-17441	00000/0000	1-10028/0007	08/17/74	0	528	51.8	129.0		GGGG	
11447W 3730N	1826-17373	00000/0000	1-10031/0604	10/27/74	40	1518	34.0	148.6		GPPG	
11447W 3722N	1736-17402	00000/0000	1-10027/0890	07/29/74	10	263	57.0	115.8		GGGG	
11448W 4856N	5081-17392	00000/0000	1-10040/0072	07/09/75	20	5074	53.8	126.0		GGGG	
11448W 4849N	1865-17495	00000/0000	1-10032/0847	12/05/74	60	2062	15.4	156.2		GGGG	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT		RBV	MSS								B	P	P	B	P
11448W	4845N	1883-17491	00000/0000	1-10033/0259	12/23/74	0	2313	13.8	154.4		GGGP					
11448W	4145N	5061-17311	00000/0000	1-10039/0136	06/19/75	80	4795	57.6	114.3		GGGG					
11448W	4143N	1881-17395	00000/0000	1-10033/0214	12/21/74	90	2285	19.5	151.6		FF F					
11448W	4139N	1737-17445	00000/0000	1-10027/0932	07/30/74	30	277	55.5	123.1		GGGG					
11448W	3729N	5078-17254	00000/0000	1-10039/0443	07/06/75	10	5032	57.0	106.7		FFGG					
11448W	3723N	1898-17344	00000/0000	1-10033/0723	01/07/75	10	2522	22.8	147.2		GGGF					
11448W	3720N	1754-17394	00000/0000	1-10027/1864	08/16/74	0	514	53.8	122.6		GGGG					
11449W	4842N	1775-17524	00000/0000	1-10029/0923	09/06/74	50	807	42.3	143.9		PPPG					
11449W	4138N	1899-17390	00000/0000	1-10033/0804	01/08/75	90	2536	19.7	149.0		GGFF					
11449W	3729N	1970-17313	00000/0000	1-10035/1176	03/20/75	70	3526	41.1	132.4		FFFF					
11449W	3726N	1862-17361	00000/0000	1-10032/0775	12/02/74	0	2020	25.0	151.2		GGGG					
11449W	3723N	1880-17352	00000/0000	1-10033/0177	12/20/74	0	2271	22.9	149.8		FG G					
11450W	4857N	1937-17465	00000/0000	1-10034/0542	02/15/75	60	3066	22.4	146.5		GGGG					
11450W	4850N	1847-17503	00000/0000	1-10032/0212	11/17/74	60	1811	19.0	156.7		PGGG					
11450W	3730N	5060-17264	00000/0000	1-10039/0144	06/18/75	10	4781	58.3	106.8		GGGG					
11450W	3727N	1952-17322	00000/0000	1-10035/0274	03/02/75	50	3275	34.8	136.5		FF F					
11451W	4855N	1973-17451	00000/0000	1-10036/0265	03/23/75	90	3568	35.5	141.9		GF GG					
11451W	4845N	1739-17541	00000/0000	1-10027/1062	08/01/74	20	305	51.9	134.2		GGPG					
11451W	4842N	1757-17533	00000/0000	1-10028/0096	08/19/74	30	556	47.6	138.6		PGGG					
11452W	4141N	5025-17331	00000/0000	1-10038/0428	05/14/75	0	4293	55.3	122.3		FFGF					
11452W	3725N	5042-17275	00000/0000	1-10038/0521	05/31/75	10	4530	58.2	110.1		FF F					
11453W	4841N	1901-17482	00000/0000	1-10033/0846	01/10/75	50	2564	14.6	151.8		GG G					
11453W	4138N	5043-17321	00000/0000	1-10038/0012	06/01/75	0	4544	57.4	117.3		FFFF					
11453W	3722N	5024-17285	00000/0000	1-10038/0205	05/13/75	0	4279	56.4	115.7		FFGG					
11456W	4845N	5009-17432	00000/0000	1-10037/0377	04/28/75	90	4070	48.3	136.2		FFPG					
11501W	3146N	1807-17334	00000/0000	1-10030/1045	10/08/74	40	1253	43.6	139.3		GGGP					
11502W	3138N	1789-17341	00000/0000	1-10030/0440	09/20/74	20	1002	48.5	131.6		GGPG					
11503W	4437N	1810-17471	00000/0000	1-10030/1276	10/11/74	50	1295	33.7	149.9		GGGG					
11503W	4430N	1792-17473	00000/0000	1-10030/0491	09/23/74	30	1044	39.7	145.1		GGGG					
11505W	3636N	1934-17332	00000/0000	1-10035/0107	02/12/75	100	3024	29.7	139.8		FFPG					
11505W	3142N	1735-17362	00000/0000	1-10027/0853	07/28/74	70	249	58.2	105.7		GGPG					
11505W	3138N	1771-17350	00000/0000	1-10029/0706	09/02/74	50	751	52.6	122.7		GGPG					
11506W	4437N	1828-17465	00000/0000	1-10031/0293	10/29/74	20	1546	27.8	153.1		GGGG					
11506W	4429N	1774-17482	00000/0000	1-10029/0861	09/05/74	20	793	45.3	139.2		GGGG					
11506W	3147N	1825-17333	00000/0000	1-10031/0579	10/26/74	40	1504	38.4	144.7		GPUP					

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 STANDARD CATALOG FOR US
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PRINCIPAL POINT 8F IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11506W 3145N	1843-17325	00000/0000 1-10032/0089	11/13/74	40	1755	33.5	147.7		GGGG	
11507W 4440N	1936-17422	00000/0000 1-10034/0379	02/14/75	80	3052	25.0	144.1		FGGG	
11507W 4436N	1846-17461	00000/0000 1-10032/0171	11/16/74	0	1797	22.8	154.6		GGGG	
11507W 4434N	1900-17440	00000/0000 1-10033/0816	01/09/75	10	2550	17.7	150.1		GGFG	
11507W 3146N	5077-17214	00000/0000 1-10039/0434	07/05/75	0	5018	57.2	96.8		FFGF	M
11507W 3143N	1861-17320	00000/0000 1-10032/0667	12/01/74	40	2006	29.6	148.5		PGGG	
11507W 3140N	1879-17312	00000/0000 1-10033/0149	12/19/74	10	2257	27.2	147.4		PPPF	
11507W 3137N	1753-17354	00000/0000 1-10027/1893	08/15/74	0	500	55.7	113.5		PGGP	
11508W 4431N	1738-17494	00000/0000 1-10027/0985	07/31/74	20	291	54.2	127.7		GGGG	M
11508W 3147N	1969-17273	00000/0000 1-10037/0013	03/19/75	50	3512	43.6	127.3		GGGF	
11508W 3142N	1933-17290	00000/0000 1-10034/0325	02/11/75	0	3010	32.5	137.0		FGGG	
11508W 3137N	1897-17304	00000/0000 1-10033/0684	01/06/75	0	2508	26.9	144.7		PPF	
11509W 4438N	5080-17350	00000/0000 1-10040/0063	07/08/75	30	5060	55.4	119.0		FGGF	
11509W 3143N	5059-17224	00000/0000 1-10038/0685	06/17/75	10	4767	58.4	96.6		FGFG	M
11510W 4437N	1990-17395	00000/0000 1-10037/0131	04/09/75	70	3805	44.4	135.2		FFFF	
11510W 3605N	1808-17381	00000/0000 1-10030/1208	10/09/74	20	1267	40.5	143.2		PGP	
11511W 4436N	1954-17414	00000/0000 1-10035/0783	03/04/75	30	3303	31.1	141.2		FGGF	
11511W 4433N	1882-17444	00000/0000 1-10033/0023	12/22/74	90	2299	17.2	152.7		FFFG	
11511W 4427N	1756-17490	00000/0000 1-10028/0020	08/18/74	0	542	50.2	133.1		GGGG	
11511W 3141N	5041-17235	00000/0000 1-10038/0407	05/30/75	0	4516	58.6	100.2		GGG	
11512W 4436N	5062-17360	00000/0000 1-10038/0687	06/20/75	90	4809	56.8	119.1		GGGG	
11512W 3555N	1772-17392	00000/0000 1-10029/0830	09/03/74	40	765	50.5	128.7		GGGG	
11513W 4437N	1972-17405	00000/0000 1-10036/0159	03/22/75	60	3554	37.8	138.4		FGG	
11514W 4016N	1863-17410	00000/0000 1-10032/0760	12/03/74	90	2034	22.6	152.5		GPPG	
11514W 4015N	1773-17435	00000/0000 1-10029/0787	09/04/74	0	779	48.0	134.2		GGGG	
11514W 4015N	1791-17430	00000/0000 1-10030/0479	09/22/74	0	1030	42.9	141.0		GGGP	
11514W 3602N	1844-17371	00000/0000 1-10031/1197	11/14/74	90	1769	30.0	150.2		PPP	
11514W 3558N	1898-17350	00000/0000 1-10033/0724	01/07/75	0	2522	23.9	146.6		GGGG	
11514W 3557N	1736-17404	00000/0000 1-10027/0891	07/29/74	10	263	57.4	113.4		GGGG	
11515W 4431N	5044-17370	00000/0000 1-10038/0549	06/02/75	90	4558	56.6	121.9		FF	
11515W 4022N	1827-17422	00000/0000 1-10031/0267	10/28/74	100	1532	31.5	150.5		GGPG	
11515W 3605N	1826-17380	00000/0000 1-10031/0605	10/27/74	20	1518	35.0	147.7		GGPG	
11515W 3603N	5078-17261	00000/0000 1-10039/0444	07/06/75	10	5032	57.1	104.3		FGGG	
11516W 4756N	1955-17462	00000/0000 1-10035/0873	03/05/75	60	3317	29.3	143.4		GGFG	
11516W 4021N	1935-17380	00000/0000 1-10034/0369	02/13/75	80	3038	27.6	141.8		GGGG	

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11516W	4021N	1953-17371	00000/0000	1-10035/0595	03/03/75	0	3289	33.4	138.4		FFFF	
11516W	3604N	1970-17315	00000/0000	1-10035/1177	03/20/75	20	3526	41.8	131.1		FGFG	
11516W	3600N	1862-17363	00000/0000	1-10032/0776	12/02/74	0	2020	26.1	150.6		PPGG	
11516W	3556N	1754-17401	00000/0000	1-10027/1865	08/16/74	0	514	54.3	120.5		GGPP	
11517W	4429N	5026-17380	00000/0000	1-10037/0843	05/15/75	20	4307	54.4	126.4		GGFG	
11517W	4022N	5079-17303	00000/0000	1-10039/0454	07/07/75	10	5046	56.5	111.8		FGFG	
11517W	4013N	1737-17451	00000/0000	1-10027/0933	07/30/74	40	277	56.0	120.8		GGGG	
11517W	4012N	1755-17443	00000/0000	1-10028/0008	08/17/74	0	528	52.5	127.0		GGGP	
11517W	3604N	5060-17271	00000/0000	1-10039/0145	06/18/75	10	4781	58.4	104.2		GGFG	
11517W	3601N	1952-17324	00000/0000	1-10035/0275	03/02/75	20	3275	35.6	135.5		FFPG	
11517W	3558N	1880-17355	00000/0000	1-10033/0178	12/20/74	20	2271	24.0	149.2		FG F	
11518W	4023N	1971-17362	00000/0000	1-10036/0181	03/21/75	100	3540	39.9	134.8		PGFF	
11518W	4020N	5061-17314	00000/0000	1-10039/0137	06/19/75	80	4795	57.8	111.8		GGGG	
11519W	4018N	1881-17401	00000/0000	1-10033/0215	12/21/74	90	2285	20.6	151.0		FF F	
11519W	4013N	1899-17393	00000/0000	1-10033/0805	01/08/75	100	2536	20.8	148.3		FFPG	
11519W	3558N	5042-17281	00000/0000	1-10038/0522	05/31/75	0	4530	58.4	107.5		FGGG	
11520W	4730N	1811-17521	00000/0000	1-10030/1318	10/12/74	10	1309	31.1	152.1		GGGG	
11521W	4719N	1793-17522	00000/0000	1-10030/0596	09/24/74	0	1058	37.4	147.7		GGGG	
11521W	3556N	5024-17291	00000/0000	1-10038/0206	05/13/75	0	4279	56.8	113.3		PGGG	
11522W	4016N	5025-17334	00000/0000	1-10038/0429	05/14/75	10	4293	55.8	120.1		GGGG	
11523W	4012N	5043-17324	00000/0000	1-10038/0013	06/01/75	10	4544	57.7	114.8		FFFF	
11525W	4731N	5081-17395	00000/0000	1-10040/0073	07/09/75	10	5074	54.3	123.7		FGGG	
11525W	4724N	1865-17502	00000/0000	1-10032/0848	12/05/74	80	2062	16.6	155.5		GGGG	
11525W	4720N	1883-17493	00000/0000	1-10033/0260	12/23/74	0	2313	15.0	153.7		FGGF	
11525W	4718N	1775-17531	00000/0000	1-10029/0924	09/06/74	20	807	43.2	142.4		PPPP	
11526W	4732N	1937-17471	00000/0000	1-10034/0543	02/15/75	20	3066	23.3	145.7		GGGG	
11526W	4724N	1847-17510	00000/0000	1-10032/0213	11/17/74	30	1811	20.2	156.0		GGGG	
11527W	4721N	1739-17543	00000/0000	1-10027/1063	08/01/74	20	305	52.7	132.2		GGGG	
11528W	4730N	1973-17454	00000/0000	1-10036/0266	03/23/75	90	3568	36.4	140.7		GGGF	
11528W	4716N	1757-17535	00000/0000	1-10028/0097	08/19/74	20	556	48.4	136.9		PGPG	
11529W	4716N	1901-17485	00000/0000	1-10033/0847	01/10/75	80	2564	15.7	151.1		GF G	
11532W	4720N	5009-17435	00000/0000	1-10037/0378	04/28/75	80	4070	49.0	134.5		GGGG	
11535W	4312N	1810-17474	00000/0000	1-10030/1277	10/11/74	30	1295	34.7	149.0		GGGG	
11536W	4307N	1792-17475	00000/0000	1-10030/0492	09/23/74	0	1044	40.7	143.9		GGGG	
11536W	3439N	1808-17384	00000/0000	1-10030/1209	10/09/74	10	1267	41.4	142.0		PGP	

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KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0578

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11537W	5007N	1776-17580	00000/0000	1-10029/1009	09/07/74	50	821	41.0	145.5		PPPG	
11538W	4304N	1774-17484	00000/0000	1-10029/0862	09/05/74	0	793	46.2	137.7		GGGG	
11539W	4314N	1936-17425	00000/0000	1-10034/0380	02/14/75	70	3052	26.0	143.3		GGGG	
11539W	4312N	1828-17472	00000/0000	1-10031/0294	10/29/74	80	1546	29.0	152.3		PGGG	
11539W	3430N	1772-17395	00000/0000	1-10029/0831	09/03/74	40	765	51.2	126.9		GGGG	
11540W	5009N	1758-17584	00000/0000	1-10029/0016	08/20/74	90	570	46.4	140.6		PGGG	
11540W	4311N	1846-17463	00000/0000	1-10032/0172	11/16/74	10	1797	23.9	153.9		GGGG	
11540W	4308N	1900-17442	00000/0000	1-10033/0817	01/09/75	30	2550	18.8	149.4		GGFF	
11540W	3432N	1898-17353	00000/0000	1-10033/0725	01/07/75	10	2522	24.9	145.9		GGGG	
11541W	4313N	5080-17352	00000/0000	1-10040/0064	07/08/75	30	5060	55.8	116.6		FGGG	
11541W	4306N	1738-17500	00000/0000	1-10027/0986	07/31/74	10	291	54.8	125.6		PGGG	M
11541W	3437N	1844-17374	00000/0000	1-10031/1198	11/14/74	80	1769	31.1	149.4		PPP	
11541W	3431N	1736-17411	00000/0000	1-10027/0893	07/29/74	40	263	57.6	110.9		GG	
11542W	4312N	1990-17402	00000/0000	1-10037/0132	04/09/75	80	3805	45.2	133.6		FFFF	
11542W	3439N	1826-17382	00000/0000	1-10031/0606	10/27/74	20	1518	36.1	146.8		GGPG	
11542W	3438N	5078-17263	00000/0000	1-10039/0445	07/06/75	10	5032	57.2	101.8		FFGG	
11542W	3430N	1754-17403	00000/0000	1-10027/1866	08/16/74	0	514	54.8	118.4		GGGG	
11543W	4310N	1954-17420	00000/0000	1-10035/0784	03/04/75	50	3303	32.0	140.2		FFFF	
11543W	4307N	1882-17451	00000/0000	1-10033/0024	12/22/74	70	2299	18.3	152.1		GGFF	
11543W	4302N	1756-17492	00000/0000	1-10028/0021	08/18/74	0	542	50.9	131.2		GGGG	
11543W	3849N	1773-17441	00000/0000	1-10029/0788	09/04/74	30	779	48.8	132.6		GGG	
11543W	3849N	1791-17433	00000/0000	1-10030/0480	09/22/74	0	1030	43.8	139.7		GGGP	
11543W	3438N	1970-17322	00000/0000	1-10035/1178	03/20/75	50	3526	42.6	129.8		FGFG	
11543W	3434N	1862-17370	00000/0000	1-10032/0777	12/02/74	0	2020	27.2	149.9		PPPP	
11543W	3433N	1880-17361	00000/0000	1-10033/0179	12/20/74	40	2271	25.0	148.6		FFFG	
11544W	5010N	5010-17484	00000/0000	1-10037/0517	04/29/75	60	4084	47.8	137.8		GGGG	
11544W	4310N	5062-17363	00000/0000	1-10038/0688	06/20/75	90	4809	57.2	116.7		GGFF	
11544W	3856N	1827-17425	00000/0000	1-10031/0268	10/28/74	100	1532	32.6	149.7		GGGG	
11544W	3851N	1863-17412	00000/0000	1-10032/0761	12/03/74	80	2034	23.7	151.8		PPPG	
11544W	3439N	5060-17273	00000/0000	1-10039/0146	06/18/75	10	4781	58.4	101.7		GGGG	
11544W	3435N	1952-17371	00000/0000	1-10035/0276	03/02/75	10	3275	36.4	134.4		FFFF	
11545W	4311N	1972-17411	00000/0000	1-10036/0160	03/22/75	50	3554	38.7	137.1		FFG	
11545W	3855N	1935-17382	00000/0000	1-10034/0370	02/13/75	70	3038	28.5	141.0		GGGG	
11545W	3855N	1953-17373	00000/0000	1-10035/0586	03/03/75	0	3289	34.3	137.4		FF	
11545W	3433N	5042-17284	00000/0000	1-10038/0523	05/31/75	0	4530	58.6	105.0		FGFG	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN FLEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11546W	5010N	5028-17474	00000/0000	1-10037/0860	05/17/75	70	4335	52.1	134.3		FFGG					
11546W	4307N	5008-17392	00000/0000	1-10037/0368	04/27/75	80	4056	50.9	129.2		FG G					
11546W	3857N	5079-17310	00000/0000	1-10039/0455	07/07/75	20	5046	56.7	109.3		GGFG					
11546W	3847N	1737-17454	00000/0000	1-10027/0934	07/30/74	60	277	56.5	118.5		GGGG					
11546W	3846N	1755-17450	00000/0000	1-10028/0009	08/17/74	0	528	53.1	125.0		GGGG					
11547W	4306N	5044-17373	00000/0000	1-10038/0541	06/02/75	40	4558	57.0	119.5		FFFF					
11547W	3854N	5061-17320	00000/0000	1-10039/0138	06/19/75	70	4795	58.1	109.2		GGGG					
11547W	3431N	5024-17294	00000/0000	1-10038/0207	05/13/75	0	4279	57.1	110.9		PGGG					
11548W	3852N	1881-17404	00000/0000	1-10033/0216	12/21/74	70	2285	21.7	150.4		FF F					
11549W	4303N	5026-17383	00000/0000	1-10037/0844	05/15/75	10	4307	54.9	124.2		GGGF					
11550W	3851N	5025-17340	00000/0000	1-10038/0430	05/14/75	20	4293	56.2	117.8		FGGG					
11551W	4630N	1955-17464	00000/0000	1-10035/0874	03/05/75	40	3317	30.2	142.4		GGGG					
11552W	3847N	5043-17330	00000/0000	1-10038/0014	06/01/75	30	4544	58.0	112.3		GGGG					
11555W	4604N	1811-17523	00000/0000	1-10030/1319	10/12/74	10	1309	32.2	151.1		GGPG					
11556W	4554N	1793-17525	00000/0000	1-10030/0597	09/24/74	0	1058	38.4	146.5		GGGG					
11600W	4605N	5081-17401	00000/0000	1-10040/0074	07/09/75	10	5074	54.8	121.4		GGGF					
11600W	4559N	1847-17512	00000/0000	1-10032/0214	11/17/74	20	1811	21.4	155.3		GGGP					
11600W	4559N	1865-17504	00000/0000	1-10032/0849	12/05/74	40	2062	17.7	154.9		GGGG					
11600W	4555N	1883-17500	00000/0000	1-10033/0261	12/23/74	30	2313	16.1	153.1		FGGG					
11600W	4553N	1775-17533	00000/0000	1-10029/0925	09/06/74	30	807	44.1	141.0		PPPP					
11601W	4607N	1937-17474	00000/0000	1-10034/0544	02/15/75	20	3066	24.3	144.8		GGGG					
11602W	4556N	1739-17550	00000/0000	1-10027/1064	08/01/74	10	305	53.3	130.1		GGGG					
11602W	4551N	1757-17542	00000/0000	1-10028/0094	08/19/74	20	556	49.2	135.2		P GG					
11602W	3313N	1808-17390	00000/0000	1-10030/1210	10/09/74	0	1267	42.4	140.9		GGP					
11603W	4605N	1973-17460	00000/0000	1-10036/0267	03/23/75	90	3568	37.3	139.5		GGGG					
11603W	4551N	1901-17491	00000/0000	1-10033/0848	01/10/75	90	2564	16.7	150.5		GG F					
11605W	4600N	5063-17412	00000/0000	1-10039/0149	06/21/75	60	4823	56.3	121.5		GGFG					
11605W	3303N	1772-17401	00000/0000	1-10029/0832	09/03/74	10	765	51.8	125.0		GGGG					
11606W	3306N	1898-17355	00000/0000	1-10033/0726	01/07/75	30	2522	25.9	145.3		FGGG					
11607W	4555N	5009-17441	00000/0000	1-10037/0379	04/28/75	80	4070	49.8	132.6		GGGG					
11607W	4147N	1810-17480	00000/0000	1-10030/1278	10/11/74	20	1295	35.8	148.0		GGGG					
11607W	4142N	1792-17482	00000/0000	1-10030/0493	09/23/74	0	1044	41.6	142.6		GGGG					
11607W	3313N	1826-17385	00000/0000	1-10031/0607	10/27/74	30	1518	37.1	145.9		PPPG					
11607W	3311N	1844-17380	00000/0000	1-10031/1199	11/14/74	80	1769	32.2	148.6		PPP					
11607W	3305N	1736-17413	00000/0000	1-10027/0880	07/29/74	60	263	57.9	108.5		G GG					

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ERTS-1
 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
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PAGE 0580

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11608W 3312N	5078-17270	00000/0000	1-10039/0446	07/06/75	10	5032	57.2	99.4		FGG	
11609W 4855N	1812-17572	00000/0000	1-10030/1399	10/13/74	20	1323	29.7	153.2		PGGG	
11609W 4848N	1794-17574	00000/0000	1-10030/0632	09/25/74	0	1072	36.0	149.2		PGPG	
11609W 4139N	1774-17491	00000/0000	1-10029/0863	09/05/74	0	793	47.0	136.2		GGGG	
11609W 3312N	1970-17324	00000/0000	1-10035/1179	03/20/75	40	3526	43.3	128.4		FFFG	
11609W 3308N	1862-17372	00000/0000	1-10032/0778	12/02/74	0	2020	28.3	149.2		PPPG	
11609W 3307N	1880-17364	00000/0000	1-10033/0180	12/20/74	30	2271	26.1	147.9		FFTF	
11609W 3304N	1754-17410	00000/0000	1-10027/1867	08/16/74	10	514	55.2	116.2		GGGG	
11610W 4848N	1848-17562	00000/0000	1-10032/0234	11/18/74	100	1825	18.8	156.7		PGGP	
11610W 4147N	1828-17474	00000/0000	1-10031/0295	10/29/74	100	1546	30.1	151.5		PGGG	
11610W 3310N	1952-17339	00000/0000	1-10035/0277	03/02/75	10	3275	37.2	133.3		FFFG	
11611W 4149N	1936-17431	00000/0000	1-10034/0381	02/14/75	90	3052	26.9	142.5		GFGG	
11611W 4145N	1846-17470	00000/0000	1-10032/0173	11/16/74	0	1797	25.0	153.2		GGGG	
11611W 4143N	1900-17445	00000/0000	1-10033/0818	01/09/75	60	2550	19.8	148.8		GGFG	
11611W 3724N	1773-17444	00000/0000	1-10029/0789	09/04/74	20	779	49.5	130.9		PGG	
11611W 3724N	1791-17435	00000/0000	1-10030/0481	09/22/74	0	1030	44.7	138.3		GPGP	
11611W 3313N	5060-17280	00000/0000	1-10039/0147	06/18/75	30	4781	58.4	99.1		GGGF	
11611W 3307N	5042-17290	00000/0000	1-10038/0524	05/31/75	10	4530	58.6	102.4		FGGG	
11612W 4147N	5080-17355	00000/0000	1-10040/0065	07/08/75	20	5060	56.1	114.2		GGGG	
11612W 4140N	1738-17503	00000/0000	1-10027/0987	07/31/74	10	291	55.3	123.4		PGGG	
11612W 3305N	5024-17300	00000/0000	1-10038/0208	05/13/75	10	4279	57.3	108.5		FGGG	
11613W 4147N	1990-17404	00000/0000	1-10037/0133	04/09/75	70	3805	45.9	132.1		FFTF	
11613W 3730N	1827-17431	00000/0000	1-10031/0269	10/28/74	100	1532	33.7	148.8		GGGG	
11613W 3730N	1935-17385	00000/0000	1-10034/0371	02/13/75	40	3038	29.4	140.1		FFGG	
11613W 3726N	1863-17415	00000/0000	1-10032/0762	12/03/74	80	2034	24.9	151.2		GGGP	
11614W 4859N	1956-17514	00000/0000	1-10035/0653	03/06/75	0	3331	29.0	144.0		GGGG	
11614W 4145N	1954-17423	00000/0000	1-10035/0785	03/04/75	50	3303	32.9	139.2		FFFG	
11614W 4135N	1756-17495	00000/0000	1-10028/0022	08/18/74	0	542	51.6	129.3		GGGG	
11614W 3732N	5079-17312	00000/0000	1-10039/0456	07/07/75	10	5046	56.9	106.9		GFGG	
11614W 3729N	1953-17380	00000/0000	1-10035/0587	03/03/75	0	3289	35.1	136.3		PFF	
11614W 3721N	1737-17460	00000/0000	1-10027/0935	07/30/74	10	277	56.9	116.1		GGGG	
11614W 3720N	1755-17452	00000/0000	1-10028/0010	08/17/74	0	528	53.6	123.0		GGGG	
11615W 4855N	1938-17523	00000/0000	1-10034/0452	02/16/75	40	3080	22.7	146.3		FFGG	
11615W 4842N	1776-17583	00000/0000	1-10029/1010	09/07/74	30	821	42.0	144.1		PPPG	
11615W 4145N	5062-17365	00000/0000	1-10038/0689	06/20/75	90	4809	57.5	114.2		FGGG	

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03:20 SEP 30, 1975

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0581

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11615W	3731N	1971-17371	00000/0000	1-10036/0182	03/21/75	20	3540	41.4	132.2		GGFG					
11616W	4853N	5082-17450	00000/0000	1-10040/0126	07/10/75	10	5088	53.7	126.0		GGGG					
11616W	4849N	1866-17553	00000/0000	1-10032/0869	12/06/74	100	2076	15.3	156.1		GGGG					
11616W	4145N	1972-17414	00000/0000	1-10036/0161	03/22/75	70	3554	39.5	135.9		FFF					
11616W	3729N	5061-17323	00000/0000	1-10039/0139	06/19/75	30	4795	58.2	106.7		GGGG					
11616W	3727N	1881-17410	00000/0000	1-10033/0217	12/21/74	80	2285	22.8	149.7		FF F					
11616W	3721N	1899-17402	00000/0000	1-10033/0806	01/08/75	70	2536	22.9	147.1		GGGG					
11617W	4855N	1992-17500	00000/0000	1-10037/0147	04/11/75	0	3833	42.7	139.3		GGGG					
11617W	4142N	5008-17395	00000/0000	1-10037/0369	04/27/75	80	4056	51.5	127.3		GG G					
11618W	4846N	1740-17595	00000/0000	1-10027/1118	08/02/74	60	319	51.7	134.4		PPPG					
11618W	4845N	1758-17591	00000/0000	1-10029/0017	08/20/74	80	570	47.3	139.0		GGGG					
11618W	4141N	5044-17375	00000/0000	1-10038/0542	06/02/75	50	4558	57.4	117.1		FFF F					
11619W	4852N	1974-17505	00000/0000	1-10036/0164	03/24/75	40	3582	35.9	141.8		GGGG					
11619W	4850N	5064-17461	00000/0000	1-10039/0410	06/22/75	70	4837	55.3	126.1		GGGF					
11619W	4138N	5026-17385	00000/0000	1-10037/0845	05/15/75	10	4307	55.5	122.0		GG F					
11619W	3726N	5025-17343	00000/0000	1-10038/0431	05/14/75	20	4293	56.6	115.4		GGGG					
11619W	3722N	5043-17333	00000/0000	1-10038/0015	06/01/75	30	4544	58.3	109.7		FGGF					
11622W	4845N	5010-17490	00000/0000	1-10037/0518	04/29/75	70	4084	48.5	136.1		FGGG					
11623W	4845N	5028-17481	00000/0000	1-10037/0861	05/17/75	60	4335	52.8	132.3		GGGG					
11624W	4846N	5046-17471	00000/0000	1-10038/0582	06/04/75	70	4586	55.1	128.5		FGFG					
11626W	4505N	1955-17471	00000/0000	1-10035/0875	03/05/75	0	3317	31.2	141.4		FGFG					
11627W	3147N	1808-17393	00000/0000	1-10030/1211	10/09/74	0	1267	43.3	139.6		GGG					
11629W	4439N	1811-17530	00000/0000	1-10030/1320	10/12/74	0	1309	33.3	150.2		GGPG					
11629W	4429N	1793-17531	00000/0000	1-10030/0598	09/24/74	0	1058	39.4	145.3		GGGG					
11630W	3137N	1772-17404	00000/0000	1-10029/0833	09/03/74	30	765	52.4	123.2		GGGG					
11632W	3147N	1826-17391	00000/0000	1-10031/0608	10/27/74	50	1518	38.1	144.9		PPPG					
11632W	3140N	1898-17362	00000/0000	1-10033/0727	01/07/75	50	2522	26.9	144.6		FGGG					
11632W	3139N	1736-17420	00000/0000	1-10027/0892	07/29/74	70	263	58.0	106.0		GGGG					
11633W	4441N	5081-17404	00000/0000	1-10040/0075	07/09/75	20	5074	55.3	119.1		GGGF					
11633W	3146N	5078-17272	00000/0000	1-10039/0447	07/06/75	40	5032	57.1	96.9		FFF G					
11633W	3145N	1844-17383	00000/0000	1-10031/1200	11/14/74	60	1769	33.3	147.8		PPP					
11634W	4434N	1865-17511	00000/0000	1-10032/0850	12/05/74	20	2062	18.9	154.3		GGGG					
11634W	4430N	1883-17502	00000/0000	1-10033/0262	12/23/74	10	2313	17.2	152.5		GGGG					
11634W	4428N	1775-17540	00000/0000	1-10029/0926	09/06/74	0	807	45.0	139.6		PPPP					
11634W	3145N	1970-17331	00000/0000	1-10035/1180	03/20/75	60	3526	43.9	127.0		FFFF					

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
11634W	3142N	1862-17375	00000/0000	1-10032/0779	12/02/74	10	2020	29.4	148.5		GGGP				
11634W	3138N	1754-17412	00000/0000	1-10027/1868	08/16/74	30	514	55.6	114.0		GG G				
11635W	4442N	1937-17480	00000/0000	1-10034/0545	02/15/75	0	3066	25.3	144.0		GGGG				
11635W	4434N	1847-17515	00000/0000	1-10032/0215	11/17/74	10	1811	22.5	154.6		GGGG				
11635W	4431N	1739-17552	00000/0000	1-10027/1065	08/01/74	30	305	54.0	128.0		GGGG				
11635W	3143N	1952-17340	00000/0000	1-10035/0278	03/02/75	20	3275	38.0	132.1		GFFG				
11635W	3140N	1880-17370	00000/0000	1-10033/0181	12/20/74	0	2271	27.2	147.3		GFFF				
11636W	4438N	1991-17453	00000/0000	1-10037/0139	04/10/75	70	3819	44.8	135.0		GFFG				
11636W	4426N	1757-17544	00000/0000	1-10028/0098	08/19/74	40	556	49.9	133.4		GGGG				
11636W	3146N	5060-17282	00000/0000	1-10039/0148	06/18/75	60	4781	58.4	96.6		GGGG				
11636W	3141N	5042-17293	00000/0000	1-10038/0525	05/31/75	50	4530	58.7	99.9		GGGG				
11637W	4426N	1901-17494	00000/0000	1-10033/0849	01/10/75	70	2564	17.8	149.9		FF G				
11637W	4022N	1810-17483	00000/0000	1-10030/1279	10/11/74	20	1295	36.8	146.9		GGGG				
11637W	4015N	1792-17484	00000/0000	1-10030/0494	09/23/74	0	1044	42.6	141.3		GGGG				
11638W	4014N	1774-17493	00000/0000	1-10029/0864	09/05/74	0	793	47.8	134.6		GGGG				
11638W	3559N	1773-17450	00000/0000	1-10029/0790	09/04/74	10	779	50.2	129.2		PGG				
11638W	3558N	1791-17442	00000/0000	1-10030/0482	09/22/74	0	1030	45.6	136.9		GGGG				
11638W	3139N	5024-17303	00000/0000	1-10038/0209	05/13/75	50	4279	57.4	106.1		FGGG				
11639W	4435N	5063-17414	00000/0000	1-10039/0150	06/21/75	50	4823	56.8	119.0		GFFF				
11640W	4430N	5009-17444	00000/0000	1-10037/0380	04/28/75	60	4070	50.5	130.8		GGGG				
11640W	4021N	1828-17481	00000/0000	1-10031/0288	10/29/74	100	1546	31.2	150.7		G				
11640W	3604N	1935-17391	00000/0000	1-10034/0372	02/13/75	80	3038	30.3	139.3		GGGG				
11641W	4023N	1936-17434	00000/0000	1-10034/0382	02/14/75	80	3052	27.8	141.6		GGGG				
11641W	4018N	1900-17451	00000/0000	1-10033/0819	01/09/75	50	2550	20.9	148.2		FGGG				
11641W	3604N	1827-17434	00000/0000	1-10031/0270	10/28/74	70	1532	34.7	147.9		GGPG				
11641W	3603N	1953-17382	00000/0000	1-10035/0588	03/03/75	0	3289	35.9	135.2		F FF				
11641W	3600N	1863-17421	00000/0000	1-10032/0763	12/03/74	70	2034	26.0	150.5		GPUG				
11641W	3556N	1737-17463	00000/0000	1-10027/0936	07/30/74	30	277	57.2	113.7		GGGG				
11641W	3555N	1755-17455	00000/0000	1-10028/0011	08/17/74	0	528	54.2	120.9		GGGG				
11642W	4430N	5027-17434	00000/0000	1-10037/0830	05/16/75	20	4321	54.5	126.1		FFFF				
11642W	4022N	5080-17361	00000/0000	1-10040/0066	07/08/75	10	5060	56.4	111.8		FGGG				
11642W	4020N	1846-17472	00000/0000	1-10032/0174	11/16/74	0	1797	26.2	152.5		GGGG				
11642W	4014N	1738-17505	00000/0000	1-10027/0988	07/31/74	20	291	55.8	121.1		PGPG				
11642W	3606N	5079-17315	00000/0000	1-10039/0457	07/07/75	0	5046	57.0	104.4		GGGG				
11643W	4008N	1756-17501	00000/0000	1-10028/0023	08/18/74	0	542	52.3	127.4		GGGG				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11643W	3605N	1971-17373	00000/0000	1-10036/0183	03/21/75	0	3540	42.2	130.9		GGG	G				
11643W	3603N	5061-17325	00000/0000	1-10039/0140	06/19/75	10	4795	58.3	104.1		GGGG					
11643W	3601N	1881-17413	00000/0000	1-10033/0218	12/21/74	70	2285	23.9	149.1		FF	F				
11643W	3556N	1899-17404	00000/0000	1-10033/0807	01/08/75	40	2536	23.9	146.4		GPFF	F				
11644W	4021N	1990-17411	00000/0000	1-10037/0134	04/09/75	50	3805	46.6	130.5		GGGG					
11644W	4019N	1954-17425	00000/0000	1-10035/0786	03/04/75	50	3303	33.8	138.2		FFFF					
11644W	4016N	1882-17460	00000/0000	1-10033/0025	12/22/74	70	2299	20.5	150.9		GGFG					
11645W	4019N	1972-17420	00000/0000	1-10036/0162	03/22/75	50	3554	40.3	134.6		GTG					
11646W	4730N	1812-17575	00000/0000	1-10030/1400	10/13/74	20	1323	30.8	152.3		PGGG					
11646W	4724N	1794-17580	00000/0000	1-10030/0633	09/25/74	0	1072	37.0	148.0		PGG	G				
11646W	4017N	5008-17401	00000/0000	1-10037/0370	04/27/75	70	4056	52.1	125.4		GGGF					
11646W	3559N	5025-17345	00000/0000	1-10038/0432	05/14/75	0	4293	56.9	113.1		GGGG					
11646W	3556N	5043-17335	00000/0000	1-10038/0016	06/01/75	10	4544	58.5	107.2		GFGG					
11647W	4723N	1848-17564	00000/0000	1-10032/0235	11/18/74	100	1825	20.0	156.0		GPGG					
11648W	4016N	5044-17382	00000/0000	1-10038/0543	06/02/75	30	4558	57.8	114.6		GGFF					
11649W	4013N	5026-17392	00000/0000	1-10037/0846	05/15/75	10	4307	55.9	119.7		GGGG					
11651W	4734N	1956-17521	00000/0000	1-10035/0654	03/06/75	10	3331	29.9	143.0		GGGG					
11651W	4730N	1938-17530	00000/0000	1-10034/0453	02/16/75	80	3080	23.7	145.5		FGGG					
11652W	4729N	5082-17453	00000/0000	1-10040/0127	07/10/75	10	5088	54.2	123.8		GGGG					
11652W	4717N	1776-17585	00000/0000	1-10029/1011	09/07/74	10	821	42.9	142.7		PPGG					
11653W	4724N	1866-17560	00000/0000	1-10032/0870	12/06/74	90	2076	16.4	155.5		PGPP					
11654W	4730N	1992-17502	00000/0000	1-10037/0148	04/11/75	0	3833	43.5	137.8		GGFG					
11654W	4721N	1740-18001	00000/0000	1-10027/1119	08/02/74	80	319	52.4	132.4		GGGG					
11654W	4720N	1758-17593	00000/0000	1-10029/0018	08/20/74	60	570	48.1	137.3		PPGG					
11655W	4727N	1974-17512	00000/0000	1-10036/0165	03/24/75	40	3582	36.8	140.5		GGGG					
11655W	4725N	5064-17463	00000/0000	1-10039/0411	06/22/75	50	4837	55.8	123.8		FGGG					
11658W	4721N	5010-17493	00000/0000	1-10037/0519	04/29/75	20	4084	49.3	134.3		FGGG					
11658W	4339N	1955-17473	00000/0000	1-10035/0876	03/05/75	10	3317	32.1	140.4		GGFG					
11700W	4721N	5046-17474	00000/0000	1-10038/0583	06/04/75	60	4586	55.7	126.2		FGGG					
11700W	4720N	5028-17483	00000/0000	1-10037/0862	05/17/75	50	4335	53.5	130.2		GGGG					
11701W	4314N	1811-17532	00000/0000	1-10030/1321	10/12/74	0	1309	34.4	149.2		GGGG					
11701W	4303N	1793-17534	00000/0000	1-10030/0599	09/24/74	0	1058	40.4	144.1		GGGG					
11703W	5006N	1777-18034	00000/0000	1-10029/0948	09/08/74	50	835	40.7	145.8		PPPP					
11704W	3431N	1791-17444	00000/0000	1-10030/0483	09/22/74	10	1030	46.4	135.5		GGPG					
11705W	5010N	1759-18042	00000/0000	1-10029/0030	08/21/74	90	584	46.1	140.9		PGGG					

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11705W	3433N	1773-17453	00000/0000	1-10029/0791	09/04/74	10	779	50.9	127.4		GPGG					
11706W	4316N	5081-17410	00000/0000	1-10040/0076	07/09/75	50	5074	55.7	116.8		FGGG					
11706W	4303N	1775-17542	00000/0000	1-10029/0927	09/06/74	0	807	45.9	138.1		PPPG					
11706W	3856N	1810-17485	00000/0000	1-10030/1280	10/11/74	30	1295	37.8	145.9		PPPP					
11706W	3849N	1792-17491	00000/0000	1-10030/0495	09/23/74	0	1044	43.5	140.1		GGGG					
11707W	4316N	1937-17483	00000/0000	1-10034/0546	02/15/75	10	3066	26.2	143.2		FGGG					
11707W	4309N	1847-17521	00000/0000	1-10032/0216	11/17/74	30	1811	23.7	153.9		PPGG					
11707W	4309N	1865-17513	00000/0000	1-10032/0851	12/05/74	10	2062	20.0	153.7		GGGG					
11707W	4305N	1883-17505	00000/0000	1-10033/0263	12/23/74	10	2313	18.3	151.9		FFGF					
11707W	4301N	1757-17551	00000/0000	1-10028/0099	08/19/74	60	556	50.7	131.6		PGGP					
11707W	3848N	1774-17500	00000/0000	1-10029/0865	09/05/74	10	793	48.6	133.0		GGGG					
11707W	3438N	1935-17394	00000/0000	1-10034/0373	02/13/75	90	3038	31.2	138.4		GGFG					
11707W	3431N	1737-17465	00000/0000	1-10027/0937	07/30/74	20	277	57.5	111.3		GGG					
11708W	4313N	1991-17460	00000/0000	1-10037/0140	04/10/75	90	3819	45.5	133.4		FFFG					
11708W	4306N	1739-17555	00000/0000	1-10027/1066	08/01/74	70	305	54.6	125.9		GGGG					
11708W	3440N	5079-17321	00000/0000	1-10039/0458	07/07/75	0	5046	57.1	102.0		GGGG					
11708W	3439N	1827-17440	00000/0000	1-10031/0271	10/28/74	80	1532	35.8	147.0		GGPG					
11708W	3437N	1953-17385	00000/0000	1-10035/0589	03/03/75	0	3289	36.8	134.2		F FF					
11708W	3435N	1863-17424	00000/0000	1-10032/0764	12/03/74	80	2034	27.1	149.9		PPGP					
11708W	3430N	1755-17461	00000/0000	1-10028/0012	08/17/74	0	528	54.6	118.8		PGGG					
11708W	3430N	1899-17411	00000/0000	1-10033/0808	01/08/75	80	2536	25.0	145.8		GGFG					
11709W	4314N	1973-17465	00000/0000	1-10036/0268	03/23/75	90	3568	39.0	137.0		GGFF					
11709W	4301N	1901-17500	00000/0000	1-10033/0850	01/10/75	60	2564	18.9	149.3		GG F					
11709W	3858N	1936-17440	00000/0000	1-10034/0383	02/14/75	50	3052	28.8	140.8		GGGG					
11709W	3854N	1828-17483	00000/0000	1-10031/0296	10/29/74	100	1546	32.3	149.8		PGGG					
11710W	3853N	1900-17454	00000/0000	1-10033/0820	01/09/75	20	2550	21.9	147.5		GGGG					
11710W	3439N	1971-17380	00000/0000	1-10036/0184	03/21/75	20	3540	42.9	129.5		GGFG					
11710W	3437N	5061-17332	00000/0000	1-10039/0141	06/19/75	20	4795	58.4	101.6		GGFG					
11710W	3436N	1881-17415	00000/0000	1-10033/0219	12/21/74	0	2285	24.9	148.5		GF F					
11711W	4310N	5063-17421	00000/0000	1-10039/0151	06/21/75	40	4823	57.2	116.6		GGFF					
11711W	3854N	1846-17475	00000/0000	1-10032/0175	11/16/74	30	1797	27.3	151.8		PGGG					
11711W	3849N	1738-17512	00000/0000	1-10027/0989	07/31/74	50	291	56.3	118.8		GGPG					
11712W	4305N	5009-17450	00000/0000	1-10037/0381	04/28/75	40	4070	51.1	128.9		GGFG					
11712W	3857N	5080-17364	00000/0000	1-10040/0067	07/08/75	20	5060	56.6	109.4		FFFF					
11712W	3843N	1756-17504	00000/0000	1-10028/0024	08/18/74	0	542	52.9	125.5		GGGG					

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FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS						123	45678	
11712W	3433N	5025-17352	00000/0000	1-10038/0433	05/14/75	10	4293	57.2	110.7		GGGF	
11712W	3431N	5043-17342	00000/0000	1-10038/0017	06/01/75	10	4544	58.6	104.6		FFGF	
11713W	4305N	5027-17441	00000/0000	1-10037/0831	05/16/75	10	4321	55.1	123.9		FGFG	
11713W	3855N	1990-17413	00000/0000	1-10037/0135	04/09/75	30	3805	47.3	128.9		FFGG	
11713W	3853N	1954-17432	00000/0000	1-10035/0787	03/04/75	60	3303	34.6	137.1		FFFG	
11713W	3851N	1882-17462	00000/0000	1-10033/0026	12/22/74	30	2299	21.6	150.2		GGFG	
11713W	3850N	1864-17470	00000/0000	1-10032/0793	12/04/74	90	2048	23.6	151.8		P	
11714W	3853N	5062-17374	00000/0000	1-10038/0690	06/20/75	80	4809	58.0	109.1		GGGG	
11715W	3851N	5008-17404	00000/0000	1-10037/0374	04/27/75	60	4056	52.7	123.4		G	
11717W	3850N	5044-17384	00000/0000	1-10038/0544	06/02/75	10	4558	58.1	112.1		FGGF	
11717W	3847N	5026-17394	00000/0000	1-10037/0847	05/15/75	10	4307	56.4	117.4		FGGF	
11721W	4606N	1812-17581	00000/0000	1-10030/1401	10/13/74	30	1323	31.9	151.3		GGPG	
11721W	4558N	1794-17583	00000/0000	1-10030/0634	09/25/74	0	1072	38.0	146.9		PPG	
11722W	4558N	1848-17571	00000/0000	1-10032/0236	11/18/74	80	1825	21.1	155.3		GGGP	
11726W	4609N	1956-17523	00000/0000	1-10035/0655	03/06/75	10	3331	30.9	142.0		FGGG	
11726W	4605N	1938-17532	00000/0000	1-10034/0454	02/16/75	90	3080	24.6	144.7		FGGG	
11726W	4552N	1776-17592	00000/0000	1-10029/1012	09/07/74	10	821	43.8	141.3		PGGG	
11727W	4605N	5082-17455	00000/0000	1-10040/0128	07/10/75	10	5088	54.7	121.5		GGGG	
11729W	4605N	1992-17505	00000/0000	1-10037/0149	04/11/75	0	3833	44.3	136.3		FFGG	
11729W	4556N	1740-18004	00000/0000	1-10027/1120	08/02/74	50	319	53.1	130.4		GGGG	
11729W	4554N	1758-18000	00000/0000	1-10029/0019	08/20/74	50	570	48.9	135.5		GPPG	
11729W	3305N	1791-17451	00000/0000	1-10030/0484	09/22/74	30	1030	47.2	134.0		GGPG	
11730W	4602N	1974-17514	00000/0000	1-10036/0166	03/24/75	60	3582	37.7	139.3		FGGG	
11730W	4600N	5064-17470	00000/0000	1-10039/0412	06/22/75	50	4837	56.3	121.4		FGGG	
11730W	4214N	1955-17480	00000/0000	1-10035/0877	03/05/75	30	3317	33.0	139.4		GFFG	
11731W	3307N	1773-17455	00000/0000	1-10029/0792	09/04/74	30	779	51.5	125.6		GPFG	
11732W	4148N	1811-17535	00000/0000	1-10030/1322	10/12/74	0	1309	35.4	148.2		GGGR	
11732W	4138N	1793-17540	00000/0000	1-10030/0600	09/24/74	0	1058	41.3	142.9		GPFG	
11733W	4556N	5010-17495	00000/0000	1-10037/0520	04/29/75	30	4084	50.0	132.4		GGGG	
11733W	3722N	1792-17493	00000/0000	1-10030/0496	09/23/74	10	1044	44.4	138.7		PGGG	
11733W	3312N	1935-17400	00000/0000	1-10034/0374	02/13/75	100	3038	32.1	137.5		GGGF	
11733W	3305N	1737-17472	00000/0000	1-10027/0938	07/30/74	50	277	57.7	108.9		GGP	
11734W	4857N	1813-18031	00000/0000	1-10030/1451	10/14/74	0	1337	29.3	153.4		GGGG	
11734W	4847N	1795-18032	00000/0000	1-10030/0721	09/26/74	70	1086	35.7	149.4		GGGG	
11734W	4556N	5046-17480	00000/0000	1-10038/0584	06/04/75	50	4586	56.2	123.9		GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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 PRODUCTS ALREADY MADE %..... R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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 COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11734W	3730N	1810-17492	00000/0000	1-10030/1281	10/11/74	50	1295	38.9	144.9		GGGG					
11734W	3315N	5079-17324	00000/0000	1-10039/0459	07/07/75	40	5046	57.1	99.6		FGGG					
11734W	3313N	1827-17443	00000/0000	1-10031/0272	10/28/74	100	1532	36.8	146.1		GGGG					
11734W	3310N	1953-17391	00000/0000	1-10035/0590	03/03/75	50	3289	37.6	133.0		F FG					
11734W	3305N	1755-17464	00000/0000	1-10028/0013	08/17/74	40	528	55.0	116.7		PGGG					
11734W	3305N	1899-17413	00000/0000	1-10033/0809	01/08/75	90	2536	26.0	145.1		FGGG					
11735W	4554N	5028-17490	00000/0000	1-10037/0863	05/17/75	30	4335	54.1	128.1		GF GG					
11735W	3723N	1774-17502	00000/0000	1-10029/0866	09/05/74	10	793	49.3	131.3		GGGG					
11735W	3309N	1863-17430	00000/0000	1-10032/0765	12/03/74	80	2034	28.2	149.2		GGGG					
11736W	4138N	1775-17545	00000/0000	1-10029/0928	09/06/74	0	807	46.7	136.5		PPPG				M	
11736W	3313N	1971-17382	00000/0000	1-10036/0185	07/21/75	40	3540	43.6	128.1		GGFG					
11736W	3311N	5061-17334	00000/0000	1-10039/0142	06/19/75	70	4795	58.4	99.0		GGGG					
11736W	3310N	1881-17422	00000/0000	1-10033/0220	12/21/74	20	2285	26.0	147.8		GGPG					
11737W	4151N	1937-17485	00000/0000	1-10034/0547	02/15/75	10	3066	27.2	142.3		FGGG					
11737W	4150N	5081-17413	00000/0000	1-10040/0077	07/09/75	30	5074	56.0	114.4		GGGG					
11737W	3732N	1936-17443	00000/0000	1-10034/0384	02/14/75	10	3052	29.7	139.9		GGGG					
11737W	3728N	1828-17490	00000/0000	1-10031/0297	10/29/74	100	1546	33.4	149.0		GP GG					
11738W	4144N	1847-17524	00000/0000	1-10032/0217	11/17/74	10	1811	24.8	153.2		GGGG					
11738W	4141N	1883-17511	00000/0000	1-10033/0264	12/23/74	10	2313	19.4	151.3		FFFG					
11738W	4136N	1757-17553	00000/0000	1-10028/0100	08/19/74	40	556	51.4	129.7		GGGG					
11738W	3723N	1738-17514	00000/0000	1-10027/0990	07/31/74	10	291	56.7	116.5		GGPG					
11738W	3308N	5025-17354	00000/0000	1-10038/0434	05/14/75	70	4293	57.4	108.3		GGGG					
11738W	3304N	5043-17344	00000/0000	1-10038/0018	06/01/75	70	4544	58.7	102.0		GGFG					
11739W	4855N	1831-18024	00000/0000	1-10031/0835	11/01/74	100	1588	23.5	155.9		PGFG					
11739W	4848N	1849-18020	00000/0000	1-10032/0424	11/19/74	100	1839	18.6	156.7		PPPP					
11739W	4147N	1991-17462	00000/0000	1-10037/0141	04/10/75	80	3819	46.3	131.8		GGFG					
11739W	4143N	1865-17520	00000/0000	1-10032/0852	12/05/74	40	2062	21.1	153.0		GGGG					
11739W	4140N	1739-17561	00000/0000	1-10027/1067	08/01/74	60	305	55.1	123.7		GGGG					
11739W	3728N	1846-17481	00000/0000	1-10032/0176	11/16/74	60	1797	28.4	151.1		GP GG					
11739W	3727N	1900-17460	00000/0000	1-10033/0821	01/09/75	10	2550	23.0	146.9		FFFF					
11740W	4858N	1939-17581	00000/0000	1-10034/0463	07/17/75	80	3094	23.0	146.2		FGFF					
11740W	4852N	1867-18011	00000/0000	1-10032/0808	12/07/74	80	2090	15.1	156.0		PPPP					
11740W	4841N	1777-18041	00000/0000	1-10029/0949	09/08/74	70	835	41.7	144.4		PPPP					
11740W	4149N	1973-17472	00000/0000	1-10036/0269	03/23/75	90	3568	39.8	135.7		FGGG					
11740W	3732N	5080-17370	00000/0000	1-10040/0068	07/08/75	30	5060	56.8	107.0		FGFG					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11741W 4900N	1957-17572	00000/0000	1-10035/0714	03/07/75	10	3345	29.3	143.9		GGFG	
11741W 4145N	5063-17423	00000/0000	1-10039/0152	06/21/75	40	4823	57.5	114.1		GFFF	
11741W 4136N	1901-17503	00000/0000	1-10033/0851	01/10/75	80	2564	19.9	148.6		FF F	
11741W 3729N	1990-17420	00000/0000	1-10037/0136	04/09/75	50	3805	48.0	127.2		GGGG	
11741W 3727N	1954-17434	00000/0000	1-10035/0788	03/04/75	80	3303	35.5	136.1		GGFG	
11741W 3725N	1882-17465	00000/0000	1-10033/0027	12/22/74	30	2299	22.7	149.6		GGFG	
11741W 3720N	1756-17510	00000/0000	1-10028/0025	08/18/74	10	542	53.4	123.4		GGGG	
11742W 4845N	1759-18045	00000/0000	1-10029/0031	08/21/74	70	584	47.0	139.2		GGGG	
11742W 3728N	5062-17381	00000/0000	1-10038/0691	06/20/75	60	4809	58.2	106.6		GGGG	
11742W 3725N	1864-17473	00000/0000	1-10032/0794	12/04/74	90	2048	24.7	151.2		PG	
11743W 4857N	1993-17554	00000/0000	1-10037/0073	04/12/75	0	3847	43.0	139.2		GGGG	
11743W 4855N	5083-17505	00000/0000	1-10040/0049	07/11/75	30	5102	53.6	126.0		FFFG	
11743W 4854N	1975-17563	00000/0000	1-10036/0363	03/25/75	40	3596	36.3	141.7		FFFG	
11743W 4849N	1921-17590	00000/0000	1-10034/0017	01/30/75	80	2843	18.0	148.7		GGGG	
11743W 4139N	5009-17453	00000/0000	1-10037/0382	04/28/75	30	4070	51.8	127.0		GGGG	
11744W 4847N	1741-18053	00000/0000	1-10027/1164	08/03/74	10	333	51.5	134.6		PGGG	
11744W 4139N	5027-17443	00000/0000	1-10037/0832	05/16/75	10	4321	55.6	121.7		GGGG	
11744W 3725N	5008-17410	00000/0000	1-10037/0375	04/27/75	20	4056	53.2	121.4		F	
11744W 3721N	5026-17401	00000/0000	1-10037/0848	05/15/75	0	4307	56.7	115.0		GGFG	
11745W 4140N	5045-17433	00000/0000	1-10038/0576	06/03/75	40	4572	57.5	116.8		F GG	
11745W 3724N	5044-17391	00000/0000	1-10038/0545	06/02/75	20	4558	58.3	109.5		FFFF	
11748W 4850N	5011-17544	00000/0000	1-10037/0527	04/30/75	40	4098	48.8	135.9		GGGF	
11754W 4440N	1812-17584	00000/0000	1-10030/1402	10/13/74	20	1323	33.0	150.4		GGPG	
11754W 4433N	1794-17585	00000/0000	1-10030/0635	09/25/74	0	1072	39.0	145.7		GP G	
11754W 3138N	1791-17453	00000/0000	1-10030/0485	09/22/74	70	1030	48.0	132.5		GGGG	
11756W 4433N	1848-17573	00000/0000	1-10032/0237	11/18/74	60	1825	22.3	154.6		GGGG	
11756W 3141N	1773-17462	00000/0000	1-10029/0793	09/04/74	90	779	52.1	123.7		GGGG	
11759W 3148N	5079-17330	00000/0000	1-10039/0460	07/07/75	90	5046	57.0	97.1		FGG	
11759W 3147N	1827-17445	00000/0000	1-10031/0273	10/28/74	90	1532	37.9	145.1		GGPG	
11759W 3146N	1935-17403	00000/0000	1-10034/0375	07/13/75	100	3038	33.0	136.6		GGGG	
11759W 3144N	1953-17394	00000/0000	1-10035/0596	03/03/75	80	3289	38.3	131.9		FFP	
11759W 3139N	1737-17474	00000/0000	1-10027/0939	07/30/74	100	277	57.9	106.4		GPG	
11759W 3139N	1755-17470	00000/0000	1-10028/0014	08/17/74	90	528	55.4	114.5		GGGG	
11759W 3139N	1899-17420	00000/0000	1-10033/0810	01/08/75	80	2536	27.0	144.4		GGGG	
11800W 4443N	1956-17530	00000/0000	1-10035/0656	03/06/75	10	3331	31.8	141.0		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11800W	4440N	1938-17535	00000/0000	1-10034/0455	02/16/75	70	3080	25.6	143.8		FGGF					
11800W	4428N	1776-17594	00000/0000	1-10029/1013	09/07/74	40	821	44.7	139.9		FGGG					
11800W	4049N	1955-17482	00000/0000	1-10035/0878	03/05/75	60	3317	33.8	138.4		GFUG					
11800W	3557N	1792-17500	00000/0000	1-10030/0497	09/23/74	10	1044	45.3	137.4		GGPG					
11800W	3143N	1863-17433	00000/0000	1-10032/0766	12/03/74	50	2034	29.3	148.5		GGPG					
11801W	4440N	5082-17462	00000/0000	1-10040/0129	07/10/75	60	5088	55.1	119.2		FGFG					
11801W	4434N	1866-17565	00000/0000	1-10032/0871	12/06/74	90	2076	18.7	154.2		PGPG					
11801W	3605N	1810-17494	00000/0000	1-10030/1282	10/11/74	20	1295	39.9	143.8		GGGG					
11802W	4440N	1992-17511	00000/0000	1-10037/0150	04/11/75	0	3833	45.1	134.8		FGFG					
11802W	4431N	1740-18010	00000/0000	1-10027/1121	08/02/74	60	319	53.8	128.3		GGGP					
11802W	4430N	1758-18002	00000/0000	1-10029/0020	08/20/74	30	570	49.7	133.8		PPPP					
11802W	4012N	1793-17543	00000/0000	1-10030/0601	09/24/74	0	1058	42.3	141.7		PGGG					
11802W	3557N	1774-17505	00000/0000	1-10029/0867	09/05/74	10	793	50.0	129.6		GGGG					
11803W	4023N	1811-17541	00000/0000	1-10030/1323	10/12/74	10	1309	36.5	147.2		GGPP					
11803W	3142N	5025-17361	00000/0000	1-10038/0435	05/14/75	100	4293	57.6	105.8		FGGG					
11804W	4437N	1974-17521	00000/0000	1-10036/0167	03/24/75	90	3582	38.6	138.0		GGGG					
11804W	4435N	5064-17472	00000/0000	1-10039/0413	06/22/75	30	4837	56.7	118.9		FGGF					
11805W	3606N	1936-17445	00000/0000	1-10034/0385	02/14/75	20	3052	30.6	139.1		GGGF					
11805W	3602N	1828-17492	00000/0000	1-10031/0298	10/29/74	90	1546	34.4	148.1		GGGG					
11806W	4026N	1937-17492	00000/0000	1-10034/0548	02/15/75	0	3066	28.1	141.5		FGGG					
11806W	3558N	1738-17521	00000/0000	1-10027/0991	07/31/74	20	291	57.1	114.1		GGGG					
11807W	4431N	5046-17483	00000/0000	1-10038/0585	06/04/75	50	4586	56.7	121.5		GGGG					
11807W	4430N	5010-17502	00000/0000	1-10037/0521	04/29/75	30	4084	50.7	130.6		GGGG					
11807W	4024N	5081-17415	00000/0000	1-10040/0078	07/09/75	30	5074	56.3	112.0		GGGG					
11807W	4018N	1847-17530	00000/0000	1-10032/0218	11/17/74	10	1811	25.9	152.5		PGGG					
11807W	4013N	1775-17551	00000/0000	1-10029/0929	09/06/74	0	807	47.5	135.0		PPPG					
11807W	3605N	5080-17373	00000/0000	1-10040/0069	07/08/75	30	5060	56.9	104.5		GGGG					
11807W	3602N	1846-17484	00000/0000	1-10032/0177	11/16/74	50	1797	29.5	150.3		GGGG					
11807W	3601N	1900-17463	00000/0000	1-10033/0822	01/09/75	10	2550	24.0	146.2		FFFG					
11808W	4429N	5028-17492	00000/0000	1-10037/0864	05/17/75	0	4335	54.7	125.9		GGGF					
11808W	4015N	1883-17514	00000/0000	1-10033/0265	12/23/74	50	2313	20.5	150.7		FFFG					
11808W	4014N	1739-17564	00000/0000	1-10027/1068	08/01/74	30	305	55.7	121.4		GGGG					
11808W	4010N	1757-17560	00000/0000	1-10028/0101	08/19/74	20	556	52.0	127.8		GGGG					
11808W	3601N	1954-17441	00000/0000	1-10035/0789	03/04/75	10	3303	36.3	135.0		GFUG					
11808W	3556N	1756-17513	00000/0000	1-10028/0026	08/18/74	10	542	54.0	121.4		GGGG				M	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11809W 4022N	1991-17465	00000/0000	1-10037/0142	04/10/75	60	3819	47.0	130.2		FGFG	
11809W 4018N	1865-17522	00000/0000	1-10032/0853	12/05/74	90	2062	22.3	152.4		GGGG	
11809W 3602N	5062-17383	00000/0000	1-10038/0692	06/20/75	30	4809	58.3	104.0		GGGG	
11809W 3559N	1882-17471	00000/0000	1-10033/0028	12/22/74	30	2299	23.8	149.0		GGFF	
11810W 4732N	1813-18033	00000/0000	1-10030/1452	10/14/74	0	1337	30.4	152.5		GGGG	
11810W 4722N	1795-18034	00000/0000	1-10030/0722	09/26/74	20	1086	36.7	148.3		GGGG	
11810W 4023N	1973-17474	00000/0000	1-10036/0270	03/23/75	80	3568	40.6	134.4		FGGG	
11810W 3559N	1864-17475	00000/0000	1-10032/0795	12/04/74	90	2048	25.8	150.5		PG	
11811W 4019N	5063-17430	00000/0000	1-10039/0153	06/21/75	30	4823	57.8	111.6		GGFF	
11811W 4011N	1901-17505	00000/0000	1-10033/0852	01/10/75	70	2564	21.0	148.0		GG F	
11811W 3559N	5008-17413	00000/0000	1-10037/0371	04/27/75	10	4056	53.7	119.3		GGGG	
11812W 3559N	5044-17393	00000/0000	1-10038/0546	06/02/75	10	4558	58.5	107.0		GGFF	
11814W 4014N	5009-17455	00000/0000	1-10037/0383	04/28/75	10	4070	52.4	125.0		GGGG	
11814W 4014N	5027-17450	00000/0000	1-10037/0833	05/16/75	0	4321	56.1	119.4		GFGG	
11815W 4730N	1831-18031	00000/0000	1-10031/0836	11/01/74	100	1588	24.6	155.1		PPPG	
11815W 4016N	5045-17440	00000/0000	1-10038/0577	06/03/75	30	4572	57.8	114.4		G GG	
11816W 4724N	1849-18022	00000/0000	1-10032/0425	11/19/74	100	1839	19.7	156.0		PPPP	
11817W 4734N	1957-17575	00000/0000	1-10035/0715	03/07/75	40	3345	30.3	142.9		GPFG	
11817W 4733N	1939-17584	00000/0000	1-10034/0464	02/17/75	80	3094	24.0	145.4		FFF	
11817W 4717N	1777-18043	00000/0000	1-10029/0950	09/08/74	100	835	42.6	143.0		GPP	
11818W 4727N	1867-18014	00000/0000	1-10032/0809	12/07/74	100	2090	16.2	155.4		PPPP	
11818W 4721N	1759-18051	00000/0000	1-10029/0032	08/21/74	40	584	47.8	137.6		GG G	
11819W 4732N	1993-17560	00000/0000	1-10037/0071	04/12/75	0	3847	43.8	137.7		F GG	
11819W 4730N	5083-17511	00000/0000	1-10040/0050	07/11/75	50	5102	54.1	123.8		GGFF	
11819W 4724N	1921-17593	00000/0000	1-10034/0018	01/30/75	90	2843	19.0	148.0		FGFG	
11820W 4729N	1975-17570	00000/0000	1-10036/0364	03/25/75	50	3596	37.2	140.4		FFFF	
11820W 4722N	1741-18055	00000/0000	1-10027/1165	08/03/74	10	333	52.2	132.7		PGGG	M M
11824W 4725N	5011-17551	00000/0000	1-10037/0528	04/30/75	10	4098	49.6	134.1		GGGG	
11827W 4315N	1812-17590	00000/0000	1-10030/1403	10/13/74	0	1323	34.0	149.4		PGPG	
11827W 4308N	1794-17592	00000/0000	1-10030/0636	09/25/74	0	1072	40.0	144.5		PP G	
11827W 3431N	1792-17502	00000/0000	1-10030/0498	09/23/74	10	1044	46.1	135.9		GGGG	
11828W 4308N	1848-17580	00000/0000	1-10032/0238	11/18/74	40	1825	23.4	153.9		GGPG	
11828W 3439N	1810-17501	00000/0000	1-10030/1283	10/11/74	30	1295	40.8	142.7		GGGG	
11829W 5005N	1778-18092	00000/0000	00000/0000	09/09/74	80	849	40.4	146.0		GGPG	
11829W 3923N	1955-17485	00000/0000	1-10035/0879	03/05/75	100	3317	34.7	137.3		GFGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BLAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11829W 3431N	1774-17511	00000/0000	1-10029/0868	09/05/74	30	793	50.7	127.9		GGGG	
11830W 5010N	1760-18101	00000/0000	1-10029/0156	08/22/74	50	598	45.9	141.2		GGGG	
11830W 3846N	1793-17545	00000/0000	1-10030/0602	09/24/74	0	1058	43.2	140.4		GGGG	
11831W 3440N	1936-17452	00000/0000	1-10034/0386	02/14/75	40	3052	31.5	138.2		GFGG	
11832W 4315N	1938-17541	00000/0000	1-10034/0456	02/16/75	70	3080	26.6	143.0		FGGF	
11832W 4303N	1776-18001	00000/0000	1-10029/1014	09/07/74	80	821	45.6	138.4		PGPG	
11832W 3857N	1811-17544	00000/0000	1-10030/1324	10/12/74	0	1309	37.5	146.2		GGGP	
11832W 3433N	1738-17523	00000/0000	1-10027/0992	07/31/74	10	291	57.4	111.7		GGPG	
11833W 4318N	1956-17532	00000/0000	1-10035/0657	03/06/75	10	3331	32.7	140.0		GGGG	
11833W 4314N	5082-17464	00000/0000	1-10040/0130	07/10/75	50	5088	55.5	116.8		GGGG	
11833W 4308N	1866-17571	00000/0000	1-10032/0872	12/06/74	100	2076	19.8	153.6		GGGG	
11833W 3439N	5080-17375	00000/0000	1-10040/0070	07/08/75	40	5060	57.0	102.1		GGGF	
11833W 3436N	1828-17495	00000/0000	1-10031/0299	10/29/74	20	1546	35.5	147.2		GGGG	
11834W 4305N	1740-18013	00000/0000	1-10027/1122	08/02/74	20	319	54.4	126.2		GGGG	
11834W 4305N	1758-18005	00000/0000	1-10029/0021	08/20/74	20	570	50.4	132.0		GFPG	
11834W 3436N	1846-17490	00000/0000	1-10032/0178	11/16/74	80	1797	30.6	149.6		GGGG	
11834W 3435N	1900-17465	00000/0000	1-10033/0823	01/09/75	10	2550	25.0	145.6		GGFF	
11835W 4314N	1992-17514	00000/0000	1-10037/0151	04/11/75	10	3833	45.9	133.2		GGGF	
11835W 3900N	1937-17494	00000/0000	1-10034/0549	02/15/75	10	3066	29.0	140.6		GGGG	
11835W 3847N	1775-17554	00000/0000	1-10029/0930	09/06/74	0	807	48.3	133.4		PPPG	M
11835W 3435N	1954-17443	00000/0000	1-10035/0790	03/04/75	30	3303	37.1	133.9		FFGG	
11835W 3429N	1756-17515	00000/0000	1-10028/0027	08/18/74	20	542	54.4	119.3		GGGG	
11836W 4309N	5064-17475	00000/0000	1-10039/0414	06/22/75	10	4837	57.1	116.5		GGGF	
11836W 3859N	5081-17422	00000/0000	1-10040/0079	07/09/75	30	5074	56.5	109.6		GGFG	
11836W 3852N	1847-17533	00000/0000	1-10032/0219	11/17/74	0	1811	27.0	151.8		GGP	
11836W 3437N	5062-17390	00000/0000	1-10038/0693	06/20/75	20	4809	58.3	101.5		GGFG	
11836W 3433N	1882-17474	00000/0000	1-10033/0029	12/22/74	20	2299	24.9	148.4		GGFG	
11837W 4311N	1974-17523	00000/0000	1-10036/0168	03/24/75	90	3582	39.4	136.8		GGGG	
11837W 3850N	1883-17520	00000/0000	1-10033/0266	12/23/74	90	2313	21.6	150.1		FFGG	
11837W 3848N	1739-17570	00000/0000	1-10027/1069	08/01/74	20	305	56.1	119.2		GGGG	
11837W 3845N	1757-17562	00000/0000	1-10028/0102	08/19/74	0	556	52.6	125.9		GPP	
11837W 3433N	1864-17482	00000/0000	1-10032/0791	12/04/74	80	2048	26.9	149.8		PPG	
11837W 3433N	5008-17415	00000/0000	1-10037/0372	04/27/75	10	4056	54.1	117.2		GGFG	
11837W 3431N	5026-17410	00000/0000	1-10037/0849	05/15/75	40	4307	57.3	110.2		GGFF	
11838W 3856N	1991-17471	00000/0000	1-10037/0143	04/10/75	70	3819	47.6	128.6		GGFF	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11838W	3433N	5044-17400	00000/0000	1-10038/0547	06/02/75	40	4558	58.6	104.4		FF F	
11839W	4306N	5046-17485	00000/0000	1-10038/0586	06/04/75	40	4586	57.1	119.1		GG F	
11839W	4304N	5010-17504	00000/0000	1-10037/0522	04/29/75	10	4084	51.4	128.7		GGG F	
11839W	3853N	1865-17525	00000/0000	1-10032/0854	12/05/74	60	2062	23.4	151.8		GGG G	
11840W	4304N	5028-17495	00000/0000	1-10037/0865	05/17/75	0	4335	55.3	123.7		F F G	
11840W	3853N	5063-17432	00000/0000	1-10039/0154	06/21/75	50	4823	58.0	109.0		GG F	
11840W	3846N	1901-17512	00000/0000	1-10033/0853	01/10/75	80	2564	22.0	147.4		FF G	
11843W	3849N	5009-17462	00000/0000	1-10037/0384	04/28/75	0	4070	52.9	123.0		F G G	
11843W	3848N	5027-17452	00000/0000	1-10037/0834	05/16/75	10	4321	56.5	117.1		F F G	
11846W	4607N	1813-18040	00000/0000	1-10030/1453	10/14/74	0	1337	31.5	151.6		GGG G	
11846W	4558N	1795-18041	00000/0000	1-10030/0723	09/26/74	20	1086	37.7	147.1		P G G	
11851W	4605N	1831-18033	00000/0000	1-10031/0837	11/01/74	90	1588	25.8	154.3		G P P	
11851W	4559N	1849-18025	00000/0000	1-10032/0426	11/19/74	80	1839	20.9	155.3		P P P	
11851W	4552N	1777-18050	00000/0000	1-10029/0951	09/08/74	100	835	43.5	141.6		P G P	
11852W	4609N	1957-17581	00000/0000	1-10035/0716	03/07/75	30	3345	31.2	141.9		GG F	
11852W	3306N	1792-17505	00000/0000	1-10030/0499	09/23/74	70	1044	46.9	134.5		GGG G	
11853W	4608N	1939-17590	00000/0000	1-10034/0465	02/17/75	90	3094	24.9	144.5		F P F	
11853W	4626N	1867-18020	00000/0000	1-10032/0810	12/07/74	50	2090	17.4	154.8		P P P	
11853W	4556N	1759-18054	00000/0000	1-10029/0033	08/21/74	30	584	48.6	135.9		G P G	
11854W	4607N	1993-17563	00000/0000	1-10037/0072	04/12/75	0	3847	44.6	136.1		G G F	
11854W	4604N	5083-17514	00000/0000	1-10040/0051	07/11/75	80	5102	54.6	121.5		GGG G	
11854W	4559N	1921-17595	00000/0000	1-10034/0019	01/30/75	70	2843	20.0	147.3		GGG G	
11854W	3313N	1810-17503	00000/0000	1-10030/1284	10/11/74	70	1295	41.8	141.5		GGG G	
11855W	4604N	1975-17572	00000/0000	1-10036/0365	03/25/75	70	3596	38.1	139.2		F F F	
11855W	4557N	1741-18062	00000/0000	1-10027/1166	08/03/74	10	333	52.9	130.6		P G G	
11855W	3306N	1774-17514	00000/0000	1-10029/0869	09/05/74	80	793	51.3	126.1		GGG G	
11857W	3757N	1955-17491	00000/0000	1-10035/0880	03/05/75	100	3317	35.5	136.2		F G F	
11857W	3314N	1936-17454	00000/0000	1-10034/0387	02/14/75	40	3052	32.4	137.3		GG F	
11858W	4600N	5011-17553	00000/0000	1-10037/0529	04/30/75	20	4098	50.3	132.3		GGG G	
11858W	4142N	1794-17594	00000/0000	1-10030/0637	09/25/74	0	1072	41.0	143.3		P P G	
11858W	3721N	1793-17552	00000/0000	1-10030/0603	09/24/74	10	1058	44.1	139.1		GGG G	
11859W	4858N	1814-18085	00000/0000	1-10030/1495	10/15/74	50	1351	29.0	153.6		GG P	
11859W	4150N	1812-17593	00000/0000	1-10030/1404	10/13/74	0	1323	35.1	148.5		G P P	
11859W	3312N	5080-17382	00000/0000	1-10040/0071	07/08/75	60	5060	57.0	99.7		GGG G	
11859W	3311N	1828-17501	00000/0000	1-10031/0300	10/29/74	20	1546	36.5	146.3		GG P	

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
11859W	3310N	1846-17493	00000/0000	1-10032/0179	11/16/74	90	1797	31.7	148.8		PGGG					
11859W	3307N	1738-17530	00000/0000	1-10027/0993	07/31/74	90	291	57.6	109.3		PGFP					
11900W	4849N	1796-18090	00000/0000	1-10030/0770	09/27/74	30	1100	35.3	149.7		GGGG					
11900W	4856N	5029-17544	00000/0000	1-10037/0872	05/18/75	70	4349	54.3	127.8		FFGG					
11900W	4142N	1848-17582	00000/0000	1-10032/0239	11/18/74	70	1825	24.6	153.3		GGGG					
11900W	3731N	1811-17550	00000/0000	1-10030/1325	10/12/74	10	1309	38.5	145.2		GGPG					
11900W	3310N	1900-17472	00000/0000	1-10033/0824	01/09/75	10	2550	26.1	144.9		FGGF					
11901W	3309N	1954-17450	00000/0000	1-10035/0791	03/04/75	90	3303	37.9	132.8		FFFG					
11901W	3304N	1756-17522	00000/0000	1-10028/0028	08/18/74	70	542	54.9	117.1		GGGG					
11902W	3311N	5062-17392	00000/0000	1-10038/0694	06/20/75	50	4809	58.3	98.9		FGGG					
11902W	3308N	1882-17480	00000/0000	1-10033/0030	12/22/74	10	2299	26.0	147.7		FGFF					
11903W	4137N	1776-18003	00000/0000	1-10029/1015	09/07/74	40	821	46.4	136.9		PPPG					
11903W	3735N	1937-17501	00000/0000	1-10034/0550	02/15/75	0	3066	30.0	139.8		GGFG					
11903W	3722N	1775-17560	00000/0000	1-10029/0931	09/06/74	0	807	49.0	131.8		PPPG					
11903W	3307N	1864-17484	00000/0000	1-10032/0792	12/04/74	40	2048	28.0	149.1		PPG					
11903W	3307N	5008-17422	00000/0000	1-10037/0373	04/27/75	30	4056	54.5	115.1		GGGG					
11903W	3306N	5026-17412	00000/0000	1-10037/0850	05/15/75	90	4307	57.5	107.8		GGFF					
11904W	4152N	1956-17535	00000/0000	1-10035/0658	03/06/75	80	3331	33.5	138.9		FFFG					
11904W	4149N	1938-17544	00000/0000	1-10034/0457	02/16/75	70	3080	27.5	142.1		FGFF					
11904W	4149N	5082-17471	00000/0000	1-10040/0131	07/10/75	50	5088	55.9	114.5		GGFF					
11904W	4143N	1866-17574	00000/0000	1-10032/0873	12/06/74	90	2076	21.0	153.0		PGPG					
11904W	3726N	1847-17535	00000/0000	1-10032/0220	11/17/74	80	1811	28.2	151.1		GGPG					
11904W	3307N	5044-17402	00000/0000	1-10038/0548	06/02/75	90	4558	58.7	101.8		FFFF					
11905W	4855N	1832-18082	00000/0000	1-10031/0957	11/02/74	30	1602	23.2	155.9		PPPG					
11905W	4853N	1850-18074	00000/0000	1-10032/0450	11/20/74	100	1853	18.3	156.7		GGGP					
11905W	4140N	1740-18015	00000/0000	1-10027/1123	08/02/74	10	319	55.0	124.0		GGGG					
11905W	4139N	1758-18011	00000/0000	1-10029/0022	08/20/74	0	570	51.1	130.2		PPPP					
11905W	3734N	5081-17424	00000/0000	1-10040/0080	07/09/75	40	5074	56.7	107.2		FFFF					
11905W	3725N	1883-17523	00000/0000	1-10033/0267	12/23/74	20	2313	22.7	149.5		FFGG					
11905W	3720N	1757-17565	00000/0000	1-10028/0103	08/19/74	0	556	53.2	123.9		GPPG				M	
11906W	4904N	1958-18030	00000/0000	1-10035/0847	03/08/75	100	3359	29.7	143.9		FFGG					
11906W	4856N	1940-18035	00000/0000	1-10034/0554	02/18/75	90	3108	23.3	146.1		FFF					
11906W	4847N	1886-18061	00000/0000	1-10033/0401	12/26/74	90	2355	13.8	154.0		PP					
11906W	4149N	1992-17520	00000/0000	1-10037/0152	04/11/75	40	3833	46.6	131.6		GGGG					
11906W	3730N	1991-17474	00000/0000	1-10037/0144	04/10/75	50	3819	48.3	126.9		FFFG					

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03:20 SEP 30, 1975

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	B	P
11906W	3723N	1739-17573	00000/0000	1-10027/1070	08/01/74	30	305	56.5	116.8		GGGG				
11907W	4857N	1994-18012	00000/0000	1-10037/0204	04/13/75	60	3861	43.3	139.0		FFFF				
11907W	4852N	1868-18070	00000/0000	1-10032/0945	12/08/74	80	2104	15.0	155.9		FFFF				
11907W	4852N	1922-18044	00000/0000	1-10035/0036	01/31/75	60	2857	18.2	148.6		GGGG				
11907W	4841N	1778-18095	00000/0000	00000/0000	09/09/74	60	849	41.4	144.7		GGPG				
11907W	3731N	1973-17483	00000/0000	1-10036/0271	03/23/75	20	3568	42.2	131.7		GGGG				
11907W	3727N	1865-17531	00000/0000	1-10032/0855	12/05/74	10	2062	24.5	151.1		GGGG				
11907W	3721N	1901-17514	00000/0000	1-10033/0854	01/10/75	50	2564	23.1	146.7		FF G				
11908W	4857N	1976-18022	00000/0000	1-10036/0424	03/26/75	30	3610	36.7	141.6		GGGG				
11908W	4845N	1760-18103	00000/0000	1-10029/0157	08/22/74	50	598	46.7	139.5		GGGG				
11908W	4146N	1974-17530	00000/0000	1-10036/0169	03/24/75	80	3582	40.2	135.5		FGFG				
11908W	4144N	5064-17481	00000/0000	1-10039/0415	06/22/75	10	4837	57.4	114.0		FGGG				
11908W	3728N	5063-17435	00000/0000	1-10039/0155	06/21/75	40	4823	58.1	106.5		GGFE				
11910W	4852N	5066-17573	00000/0000	1-10039/0371	06/24/75	60	4865	55.2	126.0		FFFF				
11910W	4141N	5046-17492	00000/0000	1-10038/0587	06/04/75	10	4586	57.5	116.6		FGFG				
11911W	4847N	1742-18111	00000/0000	1-10027/1208	08/04/74	20	347	51.3	134.9		GGGG				
11911W	4140N	5028-17501	00000/0000	1-10037/0866	05/17/75	0	4335	55.8	121.4		GGGG				
11911W	3723N	5009-17464	00000/0000	1-10037/0385	04/28/75	10	4070	53.4	121.0		GGGF				M
11911W	3722N	5027-17455	00000/0000	1-10037/0835	05/16/75	10	4321	56.9	114.7		FFGG				M
11912W	3725N	5045-17445	00000/0000	1-10038/0578	06/03/75	10	4572	58.4	109.3		GGGG				
11913W	4851N	5012-18003	00000/0000	1-10037/0750	05/01/75	20	4112	49.1	135.8		GGFG				
11914W	4848N	5048-17583	00000/0000	1-10038/0626	06/06/75	20	4614	55.2	128.1		FFFF				
11919W	4441N	1813-18042	00000/0000	1-10030/1454	10/14/74	0	1337	32.6	150.6		GGGG				
11919W	4431N	1795-18043	00000/0000	1-10030/0724	09/26/74	20	1086	38.7	146.0		GGGG				
11924W	4427N	1777-18052	00000/0000	1-10029/0952	09/08/74	90	835	44.4	140.2		PPPP				
11925W	4440N	1831-18040	00000/0000	1-10031/0838	11/01/74	80	1588	26.9	153.5		PPPG				
11925W	4434N	1849-18031	00000/0000	1-10032/0427	11/19/74	70	1839	22.0	154.6		PPGP				
11925W	3631N	1955-17494	00000/0000	1-10035/0881	03/05/75	100	3317	36.4	135.1		FFGG				
11926W	4444N	1939-17593	00000/0000	1-10034/0466	02/17/75	70	3094	25.9	143.7		FPG				
11926W	4444N	1957-17584	00000/0000	1-10035/0717	03/07/75	50	3345	32.1	140.9		GGFG				
11926W	4431N	1759-18060	00000/0000	1-10029/0034	08/21/74	0	584	49.4	134.1		PGGP				
11926W	3555N	1793-17554	00000/0000	1-10030/0604	09/24/74	10	1058	45.0	137.7		GGGG				
11927W	4439N	5083-17520	00000/0000	1-10040/0052	07/11/75	70	5102	55.0	119.2		FGGG				
11927W	4437N	1867-18023	00000/0000	1-10032/0811	12/07/74	50	2090	18.5	154.2		PPGP				
11927W	4434N	1921-18002	00000/0000	1-10034/0020	01/30/75	0	2843	21.0	146.6		GGGG				

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 PRODUCTS ALREADY MADE R=MADE FROM RBV, M=MADE FROM MSS, B=MADE FROM RBV AND MSS.

03:20 SFP 30,175

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D D .
LONG	LAT		RBV						123	45678	
11928W	4442N	1993-17565	00000/0000	1-10037/0074	04/12/75	0	3847	45.4	134.6	GGGG	
11928W	4432N	1741-18064	00000/0000	1-10027/1167	08/03/74	10	333	53.6	128.6	GGGG	
11928W	4016N	1794-18001	00000/0000	1-10030/0638	09/25/74	0	1072	41.9	142.1	P G	
11928W	3606N	1811-17553	00000/0000	1-10030/1326	10/12/74	10	1309	39.5	144.1	GGPG	
11929W	4439N	1975-17575	00000/0000	1-10036/0366	03/25/75	90	3596	38.9	137.9	FFFF	
11929W	4023N	1812-17595	00000/0000	1-10030/1405	10/13/74	10	1323	36.1	147.5	GPGG	
11930W	4016N	1848-17585	00000/0000	1-10032/0240	11/18/74	60	1825	25.7	152.6	GGGG	
11930W	3609N	1937-17503	00000/0000	1-10034/0551	02/15/75	10	3066	30.9	138.9	FFGG	
11930W	3556N	1775-17563	00000/0000	1-10029/0932	09/06/74	0	807	49.8	130.1	PPPG	
11931W	3600N	1847-17542	00000/0000	1-10032/0221	11/17/74	60	1811	29.3	150.4	GG	
11932W	4434N	5011-17560	00000/0000	1-10037/0530	04/30/75	40	4098	51.0	130.4	GGGG	
11932W	3608N	5081-17431	00000/0000	1-10040/0081	07/09/75	50	5074	56.8	104.7	FFGG	
11932W	3559N	1883-17525	00000/0000	1-10033/0268	12/23/74	0	2313	23.8	148.9	GF GF	
11932W	3555N	1757-17571	00000/0000	1-10028/0104	08/19/74	0	556	53.8	121.8	P P	
11933W	4430N	5029-17551	00000/0000	1-10037/0873	05/18/75	50	4349	54.9	125.6	GGGG	
11933W	4011N	1776-18010	00000/0000	1-10029/1016	09/07/74	0	821	47.2	135.4	PPGG	
11933W	3558N	1739-17575	00000/0000	1-10027/1071	08/01/74	0	305	56.9	114.5	GGGG	M
11934W	4027N	1956-17541	00000/0000	1-10035/0659	03/06/75	80	3331	34.4	137.9	FGGF	
11934W	4024N	1938-17550	00000/0000	1-10034/0458	02/16/75	50	3080	28.4	141.3	FFGG	
11934W	4023N	5082-17473	00000/0000	1-10040/0132	07/10/75	40	5088	56.2	112.1	GGGG	
11934W	4018N	1866-17580	00000/0000	1-10032/0860	12/06/74	90	2076	22.1	152.3	G PG	
11934W	3604N	1991-17480	00000/0000	1-10037/0145	04/10/75	30	3819	48.9	125.2	GFFG	
11934W	3602N	1865-17534	00000/0000	1-10032/0856	12/05/74	10	2062	25.6	150.5	GGGG	
11935W	4015N	1740-18022	00000/0000	1-10027/1124	08/02/74	10	319	55.5	121.8	GGGG	
11935W	3605N	1973-17490	00000/0000	1-10036/0272	03/23/75	10	3568	42.9	130.4	GF GF	
11935W	3555N	1901-17521	00000/0000	1-10033/0855	01/10/75	70	2564	24.1	146.1	PF G	
11936W	4733N	1814-18092	00000/0000	1-10030/1496	10/15/74	10	1351	30.1	152.7	GGPP	
11936W	4024N	1992-17523	00000/0000	1-10037/0153	04/11/75	70	3833	47.3	130.0	GGGG	
11936W	4013N	1758-18014	00000/0000	1-10029/0023	08/20/74	0	570	51.8	128.3	GGGG	
11937W	4724N	1796-18092	00000/0000	1-10030/0771	09/27/74	10	1100	36.3	148.5	GGGG	
11937W	3557N	5027-17461	00000/0000	1-10037/0836	05/16/75	10	4321	57.2	112.3	FFGG	
11938W	4020N	1974-17532	00000/0000	1-10036/0170	03/24/75	100	3582	41.0	134.2	FFFF	
11938W	4018N	5064-17484	00000/0000	1-10039/0416	06/22/75	10	4837	57.7	111.5	GGGG	
11938W	3559N	5045-17451	00000/0000	1-10038/0579	06/03/75	40	4572	58.5	106.7	GF GF	M
11939W	4014N	5010-17513	00000/0000	1-10037/0523	04/29/75	0	4084	52.6	124.7	PPGG	

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03:20 SEP 30, 1975

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
11939W 3557N	5009-17471	00000/0000	1-10037/0386	04/28/75	20	4070	53.9	118.9		GGGF	
11940W 4015N	5046-17494	00000/0000	1-10038/0588	06/04/75	0	4586	57.9	114.1		FFGF	
11941W 4014N	5028-17504	00000/0000	1-10037/0867	05/17/75	0	4335	56.2	119.1		GGGG	
11942W 4730N	1832-18085	00000/0000	1-10031/0958	11/02/74	20	1602	24.3	155.2		PPPG	
11942W 4728N	1850-18080	00000/0000	1-10032/0451	11/20/74	100	1853	19.4	156.0		PGGP	
11943W 4738N	1958-18033	00000/0000	1-10035/0848	03/08/75	80	3359	30.6	142.8		GGFG	
11943W 4722N	1886-18064	00000/0000	1-10033/0402	12/26/74	100	2355	14.9	153.4		PP	
11943W 4717N	1778-18101	00000/0000	00000/0000	09/09/74	50	849	42.3	143.3		PGPG	
11944W 4733N	1994-18014	00000/0000	1-10037/0205	04/13/75	40	3861	44.2	137.5		GGGG	
11944W 4732N	1940-18042	00000/0000	1-10034/0555	02/18/75	80	3108	24.3	145.2		GGFG	
11944W 4727N	1868-18072	00000/0000	1-10032/0946	12/08/74	80	2104	16.1	155.3		FFFF	
11944W 4727N	1922-18051	00000/0000	1-10035/0037	01/31/75	60	2857	19.2	147.9		GGGG	
11944W 4721N	1760-18110	00000/0000	1-10029/0158	08/22/74	40	598	47.6	137.9		PPPP	
11945W 4732N	1976-18024	00000/0000	1-10036/0425	03/26/75	30	3610	37.6	140.3		GGGG	
11946W 4728N	5066-17575	00000/0000	1-10039/0372	06/24/75	80	4865	55.7	123.7		GGFG	
11948W 4724N	1742-18114	00000/0000	1-10027/1209	08/04/74	10	347	52.0	132.9		GGGG	
11950W 4726N	5012-18005	00000/0000	1-10037/0751	05/01/75	10	4112	49.8	133.9		GGFG	
11950W 4723N	5048-17590	00000/0000	1-10038/0627	06/06/75	10	4614	55.8	125.8		GGFG	
11951W 4306N	1795-18050	00000/0000	1-10030/0725	09/26/74	40	1086	39.7	144.8		GGGG	
11952W 4316N	1813-18045	00000/0000	1-10030/1455	10/14/74	0	1337	33.7	149.7		GGPG	
11952W 3505N	1955-17500	00000/0000	1-10035/0882	03/05/75	100	3317	37.2	134.0		GGFG	
11952W 3430N	1793-17561	00000/0000	1-10030/0605	09/24/74	50	1058	45.9	136.3		GGGG	
11954W 5010N	1761-18155	00000/0000	1-10029/0195	08/23/74	90	612	45.6	141.4		GGPG	
11954W 3440N	1811-17555	00000/0000	1-10030/1327	10/12/74	30	1309	40.5	143.0		GGPP	
11957W 5009N	1743-18163	00000/0000	1-10027/1102	08/05/74	30	361	50.3	136.9		GGPG	
11957W 4302N	1777-18055	00000/0000	1-10029/0953	09/08/74	30	835	45.3	138.8		PPPP	
11957W 3851N	1794-18003	00000/0000	1-10030/0639	09/25/74	10	1072	42.9	140.8		PG	
11957W 3443N	1937-17510	00000/0000	1-10034/0552	02/15/75	0	3066	31.7	138.0		GGFG	
11957W 3430N	1775-17565	00000/0000	1-10029/0933	09/06/74	40	807	50.5	128.3		PPPG	
11958W 4318N	1957-17590	00000/0000	1-10035/0718	03/07/75	100	3345	33.0	139.8		GGFG	
11958W 4314N	1831-18042	00000/0000	1-10031/0839	11/01/74	80	1588	28.0	152.7		GGPG	
11958W 4308N	1849-18094	00000/0000	1-10032/0428	11/19/74	70	1839	23.2	154.0		GGGG	
11958W 4306N	1759-18063	00000/0000	1-10029/0035	08/21/74	0	584	50.2	132.4		GGGG	
11958W 3857N	1812-18002	00000/0000	1-10030/1406	10/13/74	0	1323	37.2	146.5		GGGG	
11958W 3435N	1847-17544	00000/0000	1-10032/0222	11/17/74	40	1811	30.4	149.6		GGG	

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03:20 SEP 30, '75

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS			
LONG	LAT											RBV	MSS	B	P
										123	45678	C	C	D	D
11959W	4318N	1939-17595	00000/0000	1-10034/0467	02/17/75	40	3094	26.8	142.8		PF GG				
11959W	4314N	5083-17523	00000/0000	1-10040/0053	07/11/75	40	5102	55.4	116.9		GGGG				
11959W	4312N	1867-18025	00000/0000	1-10032/0812	12/07/74	20	2090	19.7	153.5		PPGP				
11959W	4309N	1921-18004	00000/0000	1-10034/0021	01/30/75	0	2843	22.0	145.9		GGGG				
11959W	3851N	1848-17591	00000/0000	1-10032/0241	11/18/74	60	1825	26.8	151.9		GGGG				
11959W	3443N	5081-17433	00000/0000	1-10040/0082	07/09/75	40	5074	56.9	102.3		GGFF				
11959W	3433N	1883-17532	00000/0000	1-10033/0269	12/23/74	10	2313	24.8	148.2		FFFF				M
11959W	3429N	1757-17574	00000/0000	1-10028/0105	08/19/74	10	556	54.3	119.8		PPPP				
12000W	4316N	1993-17572	00000/0000	1-10037/0075	04/12/75	10	3847	46.2	133.0		GGGF				
12000W	4306N	1741-18071	00000/0000	1-10027/1168	08/03/74	10	333	54.2	126.5		GP GG				
12000W	3433N	1739-17582	00000/0000	1-10027/1072	08/01/74	40	305	57.2	112.1		GGPG				
12001W	4314N	1975-17581	00000/0000	1-10036/0367	03/25/75	90	3596	39.8	136.6		FGFG				
12001W	4312N	5065-17533	00000/0000	1-10040/0001	06/23/75	70	4851	57.0	116.5		GGGG				
12001W	3436N	1865-17540	00000/0000	1-10032/0857	12/05/74	10	2062	26.7	149.8		PPPG				
12002W	3845N	1776-18012	00000/0000	1-10029/1017	09/07/74	0	821	48.0	133.8		PGGG				
12002W	3439N	1973-17492	00000/0000	1-10036/0273	03/23/75	10	3568	43.6	129.0		GGGG				
12002W	3429N	1901-17523	00000/0000	1-10033/0856	01/10/75	40	2564	25.1	145.4		FFFG				
12003W	4309N	5011-17562	00000/0000	1-10037/0531	04/30/75	20	4098	51.6	128.5		GGGG				
12003W	3901N	1956-17544	00000/0000	1-10035/0660	03/06/75	80	3331	35.3	136.8		GGGG				
12003W	3858N	1938-17553	00000/0000	1-10034/0469	02/16/75	60	3080	29.4	140.4		GGGG				
12003W	3857N	5082-17480	00000/0000	1-10040/0133	07/10/75	60	5088	56.4	109.7		GFFG				
12003W	3852N	1866-17583	00000/0000	1-10032/0874	12/06/74	10	2076	23.2	151.7		GGGG				
12003W	3432N	5027-17464	00000/0000	1-10037/0837	05/16/75	20	4321	57.4	109.9		FFGF				M
12004W	3849N	1740-18024	00000/0000	1-10027/1125	08/02/74	20	319	55.9	119.5		GGGG				
12005W	4305N	5029-17553	00000/0000	1-10037/0874	05/18/75	0	4349	55.4	123.4		GGGF				
12005W	4305N	5047-17543	00000/0000	1-10039/0029	06/05/75	10	4600	57.2	118.9		FGFF				M
12005W	3858N	1992-17525	00000/0000	1-10037/0154	04/11/75	60	3833	48.0	128.3		GGGG				
12005W	3848N	1758-18020	00000/0000	1-10029/0024	08/20/74	0	570	52.4	126.4		GGG				
12005W	3433N	5045-17454	00000/0000	1-10038/0580	06/03/75	90	4572	58.6	104.2		FFFF				
12005W	3431N	5009-17473	00000/0000	1-10037/0387	04/28/75	20	4070	54.3	116.8		GGGF				
12007W	3853N	5064-17490	00000/0000	1-10039/0417	06/22/75	10	4837	57.9	109.0		GGFF				
12008W	3854N	1974-17535	00000/0000	1-10036/0163	03/24/75	90	3582	41.8	132.8		G F				
12009W	3850N	5046-17501	00000/0000	1-10038/0589	06/04/75	10	4586	58.2	111.6		FFFF				
12009W	3849N	5028-17510	00000/0000	1-10037/0868	05/17/75	0	4335	56.6	116.8		GGGG				
12011W	4608N	1814-18094	00000/0000	1-10030/1497	10/15/74	0	1351	31.2	151.8		GGPG				

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03:20 SEP 30, '75

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0597

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P B P C C D D
12011W	4559N	1796-18095	00000/0000	1-10030/0772	09/27/74	0	1100	37.4	147.4	GGGG	
12018W	4613N	1958-18035	00000/0000	1-10035/0849	03/08/75	80	3359	31.6	141.8	FGGG	
12018W	4606N	1832-18091	00000/0000	1-10031/0959	11/02/74	40	1602	25.5	154.4	PGPG	
12018W	4603N	1850-18083	00000/0000	1-10032/0452	11/20/74	90	1853	20.6	155.3	GGGG	
12018W	4558N	1886-18070	00000/0000	1-10033/0403	12/26/74	90	2355	16.0	152.8	FP	
12018W	4552N	1778-18104	00000/0000	00000/0000	09/09/74	80	849	43.2	141.9	PPPG	
12018W	3339N	1955-17503	00000/0000	1-10035/0883	03/05/75	60	3317	38.0	132.9	GFF	
12018W	3304N	1793-17563	00000/0000	1-10030/0606	09/24/74	100	1058	46.7	134.9	GGGG	
12019W	4606N	1940-18044	00000/0000	1-10034/0556	02/18/75	90	3108	25.3	144.4	FFGF	
12019W	4602N	1868-18075	00000/0000	1-10032/0947	12/08/74	90	2104	17.3	154.7	FFGG	
12019W	4602N	1922-18053	00000/0000	1-10035/0038	01/31/75	70	2857	20.2	147.2	GGGG	
12019W	4556N	1760-18112	00000/0000	1-10029/0159	08/22/74	40	598	48.4	136.2	GPPG	
12020W	4607N	1976-18031	00000/0000	1-10036/0426	03/26/75	40	3610	38.4	139.0	GGGG	
12020W	4607N	1994-18021	00000/0000	1-10037/0206	04/13/75	30	3861	45.0	136.0	GFFF	
12020W	3314N	1811-17562	00000/0000	1-10030/1328	10/12/74	50	1309	41.5	141.9	PGPG	
12021W	4602N	5066-17582	00000/0000	1-10039/0373	06/24/75	70	4865	56.2	121.3	GGGG	
12022W	4140N	1795-18052	00000/0000	1-10030/0726	09/26/74	0	1086	40.7	143.6	GGGG	
12022W	3304N	1775-17572	00000/0000	1-10029/0934	09/06/74	90	807	51.1	126.6	GGPG	
12023W	4600N	1742-18120	00000/0000	1-10027/1210	08/04/74	0	347	52.7	130.9	GGGG	
12023W	4151N	1813-18051	00000/0000	1-10030/1456	10/14/74	0	1337	34.8	148.7	GGPP	
12023W	3318N	1937-17512	00000/0000	1-10034/0553	02/15/75	10	3066	32.6	137.0	GG	
12024W	3310N	1847-17551	00000/0000	1-10032/0223	11/17/74	90	1811	31.5	148.9	GGF	
12024W	3304N	1757-17580	00000/0000	1-10028/0106	08/19/74	10	556	54.7	117.6	PGGG	
12025W	4601N	5012-18012	00000/0000	1-10037/0752	05/01/75	10	4112	50.5	132.1	FGFG	
12025W	4558N	5048-17592	00000/0000	1-10038/0628	06/06/75	10	4614	56.3	123.5	FGFF	
12025W	3725N	1794-18010	00000/0000	1-10030/0640	09/25/74	20	1072	43.8	139.5	FG	
12025W	3317N	5081-17440	00000/0000	1-10040/0083	07/09/75	80	5074	56.9	99.9	FGGG	
12025W	3307N	1883-17534	00000/0000	1-10033/0270	12/23/74	10	2313	25.9	147.6	FPFF	
12026W	4847N	1797-18144	00000/0000	1-10030/0744	09/28/74	70	1114	35.0	149.9	GGPG	
12026W	3732N	1812-18004	00000/0000	1-10030/1407	10/13/74	0	1323	38.2	145.4	GGPG	
12026W	3310N	1865-17543	00000/0000	1-10032/0858	12/05/74	20	2062	27.8	149.1	PPP	
12026W	3306N	1739-17584	00000/0000	1-10027/1073	08/01/74	90	305	57.5	109.7	GGGG	
12027W	3725N	1848-17594	00000/0000	1-10032/0242	11/18/74	50	1825	27.9	151.2	GGGG	
12028W	4855N	1851-18132	00000/0000	1-10032/0352	11/21/74	100	1867	18.0	156.7	PPG	
12028W	4137N	1777-18061	00000/0000	1-10029/0954	09/08/74	0	835	46.2	137.3	PGPP	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
12028W	3313N	1973-17495	00000/0000	1-10036/0274	03/23/75	10	3568	44.3	127.5		FGGF					
12028W	3304N	1901-17530	00000/0000	1-10033/0857	01/10/75	50	2564	26.1	144.7		GFFG					
12029W	4149N	1831-18045	00000/0000	1-10031/0840	11/01/74	80	1588	29.1	151.9		PPPG					
12029W	4141N	1759-18065	00000/0000	1-10029/0036	08/21/74	0	584	50.9	130.5		GGG					
12029W	3720N	1776-18015	00000/0000	1-10029/1018	09/07/74	0	821	48.8	132.2		PGGG					
12029W	3307N	5027-17470	00000/0000	1-10037/0838	05/16/75	70	4321	57.6	107.4		FFGG					
12030W	4153N	1939-18002	00000/0000	1-10034/0468	02/17/75	30	3094	27.8	142.0		FGF					
12030W	4153N	1957-17593	00000/0000	1-10035/0719	03/07/75	100	3345	33.9	138.8		FFFF					
12030W	4148N	5083-17525	00000/0000	1-10040/0054	07/11/75	10	5102	55.8	114.6		FGFG					
12030W	4146N	1867-18032	00000/0000	1-10032/0813	12/07/74	30	2090	20.8	152.9		PPPG					
12030W	4144N	1921-18011	00000/0000	1-10034/0022	01/30/75	10	2843	23.0	145.2		GGGG					
12030W	4142N	1849-18040	00000/0000	1-10032/0429	11/19/74	40	1839	24.3	153.3		GGGP					
12030W	4140N	1741-18073	00000/0000	1-10027/1169	08/03/74	10	333	54.8	124.3		PGGG					
12030W	3732N	1938-17555	00000/0000	1-10034/0460	02/16/75	50	3080	30.3	139.5		GGGG					
12030W	3308N	5045-17460	00000/0000	1-10038/0581	06/03/75	100	4572	58.7	101.6		FGGG					
12030W	3305N	5009-17480	00000/0000	1-10037/0388	04/28/75	50	4070	54.7	114.6		GGGG					
12031W	4858N	1941-18093	00000/0000	1-10034/0515	02/19/75	100	3122	23.6	146.0		FFFF					
12031W	4854N	1833-18140	00000/0000	1-10031/0938	11/03/74	0	1616	22.9	156.0		PGPR					
12031W	4852N	1815-18144	00000/0000	1-10031/0168	10/16/74	10	1365	28.7	153.7		GGGP					
12031W	4151N	1993-17574	00000/0000	1-10037/0076	04/12/75	10	3847	46.9	131.4		FFGG					
12031W	3735N	1956-17550	00000/0000	1-10035/0661	03/06/75	80	3331	36.1	135.7		GGGG					
12031W	3732N	5082-17482	00000/0000	1-10040/0134	07/10/75	20	5088	56.6	107.3		GGFG					
12032W	4901N	1959-18085	00000/0000	1-10035/0936	03/09/75	90	3373	30.1	143.7		FGGG					
12032W	4850N	1869-18124	00000/0000	1-10032/0960	12/09/74	90	2118	14.8	155.9		FFFF					
12032W	4846N	1887-18115	00000/0000	1-10033/0418	12/27/74	90	2369	13.8	153.8		PF					
12032W	4147N	5065-17535	00000/0000	1-10040/0002	06/23/75	50	4851	57.4	114.0		FGGG					
12032W	3727N	1866-17585	00000/0000	1-10032/0875	12/06/74	10	2076	24.3	151.1		PGPG					
12032W	3724N	1740-18031	00000/0000	1-10027/1126	08/02/74	10	319	56.4	117.2		GGGG					
12033W	4846N	1761-18161	00000/0000	1-10029/0196	08/23/74	80	612	46.4	139.8		GGGG					
12033W	4846N	1779-18153	00000/0000	00000/0000	09/10/74	100	863	41.0	145.1		PGPG					
12033W	4149N	1975-17584	00000/0000	1-10036/0368	03/25/75	50	3596	40.6	135.3		FGFG					
12033W	3723N	1758-18023	00000/0000	1-10029/0015	08/20/74	0	570	53.0	124.4		GG					
12034W	4857N	1995-18070	00000/0000	1-10037/0240	04/14/75	30	3875	43.7	138.9		FGFG					
12034W	4850N	1923-18102	00000/0000	1-10034/0074	02/01/75	80	2871	18.4	148.4		FFFF					
12034W	4144N	5011-17565	00000/0000	1-10037/0532	04/30/75	30	4098	52.3	126.5		FGGG					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
12034W 3733N	1992-17532	00000/0000	1-10037/0155	04/11/75	10	3833	48.6	126.6		FGGG	
12035W 4845N	1743-18165	00000/0000	1-10027/1103	08/05/74	0	361	51.1	135.0		GPGG	
12035W 3728N	5064-17493	00000/0000	1-10039/0418	06/22/75	10	4837	58.1	106.4		GGGG	
12036W 4853N	1977-18080	00000/0000	1-10036/0354	03/27/75	0	3624	37.1	141.4		GGGG	
12036W 4140N	5047-17550	00000/0000	1-10039/0030	06/05/75	10	4600	57.6	116.4		GGFG	
12036W 3728N	1974-17541	00000/0000	1-10036/0171	03/24/75	50	3582	42.5	131.5		GGGF	
12036W 3722N	5010-17522	00000/0000	1-10037/0524	04/29/75	0	4084	53.7	120.7		GGG	
12037W 4141N	5029-17540	00000/0000	1-10037/0875	05/18/75	10	4349	55.9	121.1		GGGG	
12037W 3725N	5028-17513	00000/0000	1-10037/0869	05/17/75	10	4335	57.0	114.4		GGGG	
12038W 4851N	5013-18061	00000/0000	1-10037/0696	05/02/75	90	4126	49.3	135.6		FGGF	
12038W 3724N	5046-17503	00000/0000	1-10038/0590	06/04/75	30	4586	58.4	109.0		GGGG	
12040W 4849N	5049-18041	00000/0000	1-10038/0550	06/07/75	80	4628	55.2	128.0		GFGG	
12045W 4443N	1814-18101	00000/0000	1-10030/1498	10/15/74	0	1351	32.3	150.8		GGGG	
12045W 4434N	1796-18101	00000/0000	1-10030/0773	09/27/74	0	1100	38.4	146.3		GGGG	
12051W 4427N	1778-18110	00000/0000	00000/0000	09/09/74	80	849	44.1	140.5		GPPG	
12052W 4448N	1958-18042	00000/0000	1-10035/0850	03/08/75	100	3359	32.5	140.7		FFFF	
12052W 4440N	1832-18094	00000/0000	1-10031/0960	11/02/74	90	1602	26.6	153.6		PPPG	
12052W 4438N	1850-18085	00000/0000	1-10032/0453	11/20/74	90	1853	21.8	154.7		GGGG	
12052W 4431N	1760-18115	00000/0000	1-10029/0160	08/22/74	40	598	49.1	134.5		PGGG	
12052W 4015N	1795-18055	00000/0000	1-10030/0727	09/26/74	0	1086	41.6	142.4		GGGG	
12053W 4442N	5084-17574	00000/0000	1-10040/0227	07/12/75	60	5116	54.9	119.4		FFGF	
12053W 4441N	1940-18051	00000/0000	1-10034/0557	02/18/75	90	3108	26.2	143.5		FFGF	
12053W 4441N	1976-18033	00000/0000	1-10036/0427	03/26/75	70	3610	39.3	137.8		FGGG	
12053W 4437N	1868-18081	00000/0000	1-10032/0948	12/08/74	20	2104	18.4	154.1		FFPG	
12053W 4437N	1922-18060	00000/0000	1-10035/0039	01/31/75	70	2857	21.2	146.4		GGGG	
12053W 3600N	1794-18012	00000/0000	1-10030/0641	09/25/74	60	1072	44.7	138.2		PPG	
12054W 4442N	1994-18023	00000/0000	1-10037/0207	04/13/75	60	3861	45.8	134.4		GFPG	
12054W 4026N	1813-18054	00000/0000	1-10030/1457	10/14/74	0	1337	35.8	147.7		GGGG	
12054W 3606N	1812-18011	00000/0000	1-10030/1408	10/13/74	10	1323	39.2	144.4		PPPG	
12055W 4438N	5066-17584	00000/0000	1-10039/0374	06/24/75	80	4865	56.6	118.9		GGGG	
12055W 3559N	1848-18000	00000/0000	1-10032/0243	11/18/74	20	1825	29.0	150.4		GGGG	
12056W 3554N	1776-18021	00000/0000	1-10029/1019	09/07/74	30	821	49.5	130.5		GPPG	
12057W 4433N	1742-18123	00000/0000	1-10027/1211	08/04/74	0	347	53.4	128.9		GGGG	
12057W 4012N	1777-18064	00000/0000	1-10029/0955	09/08/74	0	835	47.0	135.8		PGPP	
12057W 3606N	1938-17562	00000/0000	1-10034/0461	02/16/75	40	3080	31.2	138.6		GGFG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
12058W	3609N	1956-17553	00000/0000	1-10035/0662	07/06/75	70	3331	36.9	134.6		GGGG					
12058W	3606N	5082-17485	00000/0000	1-10040/0135	07/10/75	30	5088	56.7	104.9		GGFG					
12059W	4436N	5012-18014	00000/0000	1-10037/0753	05/01/75	10	4112	51.2	130.2		FGFG					
12059W	4433N	5048-17595	00000/0000	1-10038/0629	06/06/75	10	4614	56.8	121.1		FFFF					
12059W	4024N	1831-18051	00000/0000	1-10031/0841	11/01/74	60	1588	30.2	151.1		GGPG					
12059W	4015N	1759-18072	00000/0000	1-10029/0037	08/21/74	0	584	51.5	128.7		PPGG					
12100W	4028N	1939-18004	00000/0000	1-10034/0469	07/17/75	50	3094	28.7	141.1		FFFG					
12100W	4027N	1957-17595	00000/0000	1-10035/0720	03/07/75	100	3345	34.8	137.7		FFFG					
12100W	4022N	5083-17532	00000/0000	1-10040/0055	07/11/75	10	5102	56.0	112.2		FGFG					
12100W	4021N	1867-18034	00000/0000	1-10032/0814	12/07/74	20	2090	21.9	152.3		PPGG					
12100W	4018N	1921-18013	00000/0000	1-10034/0023	01/30/75	0	2843	24.0	144.4		GGGG					
12100W	4017N	1849-18043	00000/0000	1-10032/0430	11/19/74	40	1839	25.4	152.6		GGGG					
12100W	4015N	1741-18080	00000/0000	1-10027/1170	08/03/74	10	333	55.3	122.1		PGGG					
12100W	3602N	1866-17592	00000/0000	1-10032/0876	12/06/74	30	2076	25.5	150.4		GGGG					
12100W	3558N	1740-18033	00000/0000	1-10027/1127	08/02/74	40	319	56.7	114.9		PPGG					
12100W	3557N	1758-18025	00000/0000	1-10029/0025	08/20/74	0	570	53.5	122.4		GGGG					
12101W	4026N	1993-17581	00000/0000	1-10037/0077	04/12/75	0	3847	47.6	129.7		GGGG					
12101W	3607N	1992-17534	00000/0000	1-10037/0156	04/11/75	10	3833	49.2	124.9		FGGG					
12102W	4022N	5065-17542	00000/0000	1-10040/0003	06/23/75	30	4851	57.7	111.5		GGGG					
12102W	3603N	5064-17495	00000/0000	1-10039/0419	06/22/75	20	4837	58.2	103.9		FFFF					
12103W	4722N	1797-18151	00000/0000	1-10030/0745	09/28/74	60	1114	36.0	148.8		GGPG					
12103W	4023N	1975-17590	00000/0000	1-10036/0369	03/25/75	60	3596	41.4	134.0		FFFG					
12103W	3602N	1974-17544	00000/0000	1-10036/0172	03/24/75	40	3582	43.3	130.1		FGG					
12103W	3557N	5010-17525	00000/0000	1-10037/0525	04/29/75	20	4084	54.1	118.6		PPPG					
12104W	3559N	5028-17515	00000/0000	1-10037/0870	05/17/75	40	4335	57.3	112.0		GGGG					
12105W	4730N	1851-18135	00000/0000	1-10032/0353	11/21/74	100	1867	19.2	156.0		PPG					
12105W	4018N	5011-17571	00000/0000	1-10037/0533	04/30/75	20	4098	52.8	124.5		GGGG					
12105W	3558N	5046-17510	00000/0000	1-10038/0591	06/04/75	60	4586	58.6	106.5		FGGG					
12106W	4015N	5029-17562	00000/0000	1-10037/0876	05/18/75	10	4349	56.4	118.8		GGGG					
12106W	4015N	5047-17552	00000/0000	1-10039/0031	06/05/75	10	4600	57.9	113.9		GGFG					
12108W	4733N	1941-18100	00000/0000	1-10034/0516	02/19/75	100	3122	24.6	145.1		GFGG					
12108W	4727N	1815-18150	00000/0000	1-10031/0169	10/16/74	10	1365	29.8	152.8		GPFG					
12109W	4735N	1959-18091	00000/0000	1-10035/0937	03/09/75	60	3373	31.0	142.7		GGGF					
12109W	4729N	1833-18143	00000/0000	1-10031/0909	11/03/74	0	1616	24.0	155.3		PPPG					
12109W	4725N	1869-18130	00000/0000	1-10032/0961	12/09/74	90	2118	16.0	155.2		PPPF					

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PAGE 0601

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS			
LONG	LAT											RBV	MSS	B	P
										123	45678	C	C	D	D
12109W	4722N	1779-18155	00000/0000	00000/0000	09/10/74	100	863	41.9	143.7		PPGG				
12109W	4722N	1887-18122	00000/0000	1-10033/0414	12/27/74	80	2369	14.9	153.2		PPPF				
12109W	4720N	1761-18164	00000/0000	1-10029/0197	08/23/74	70	612	47.3	138.2		GGGG				
12110W	4732N	1995-18073	00000/0000	1-10037/0241	04/14/75	40	3875	44.5	137.3		FFFF				
12111W	4726N	1923-18105	00000/0000	1-10034/0075	02/01/75	80	2871	19.5	147.7		FFFF				
12112W	4720N	1743-18172	00000/0000	1-10027/1104	08/05/74	0	361	51.8	133.1		PPGG			M	
12113W	4728N	1977-18082	00000/0000	1-10036/0355	03/27/75	0	3624	38.0	140.1		FGGG				
12113W	4726N	5067-18034	00000/0000	1-10039/0223	06/25/75	70	4879	55.6	123.6		FGGG				
12115W	4726N	5013-18063	00000/0000	1-10037/0697	05/02/75	90	4126	50.1	133.7		FGPF				
12116W	4723N	5049-18044	00000/0000	1-10038/0551	06/07/75	60	4628	55.8	125.7		GGGF				
12117W	4308N	1796-18104	00000/0000	1-10030/0774	09/27/74	0	1100	39.4	145.1		GGGG				
12118W	4318N	1814-18103	00000/0000	1-10030/1499	10/15/74	0	1351	33.3	149.9		GGGG				
12119W	4718N	5031-18054	00000/0000	1-10038/0281	05/20/75	20	4377	54.0	129.4		GGGG				
12119W	3434N	1794-18015	00000/0000	1-10030/0642	09/25/74	90	1072	45.5	136.8		PPP				
12120W	5009N	1762-18213	00000/0000	1-10029/0394	08/24/74	80	626	45.3	141.7		GGPP				
12120W	5009N	1888-18171	00000/0000	1-10033/0232	12/28/74	50	2383	12.7	154.3		FGPG				
12121W	3849N	1795-18061	00000/0000	1-10030/0728	09/26/74	10	1086	42.6	141.2		GGGG				
12121W	3440N	1812-18013	00000/0000	1-10030/1409	10/13/74	60	1323	40.2	143.3		GGPR				
12121W	3433N	1848-18003	00000/0000	1-10032/0244	11/18/74	70	1825	30.1	149.7		GGGG				
12123W	4302N	1778-18113	00000/0000	00000/0000	09/09/74	60	849	45.0	139.1		GGPG				
12123W	3430N	1776-18024	00000/0000	1-10029/1020	09/07/74	90	821	50.2	128.8		GGPG				
12124W	4322N	1958-18044	00000/0000	1-10035/0851	03/08/75	80	3359	33.4	139.7		GGGG				
12124W	4314N	1832-18100	00000/0000	1-10031/0961	11/02/74	70	1602	27.7	152.9		PGPG				
12124W	4306N	1760-18121	00000/0000	1-10029/0161	08/22/74	40	598	49.9	132.7		GGPG				
12124W	3900N	1813-18060	00000/0000	1-10030/1458	10/14/74	0	1337	36.8	146.8		GGGG				
12125W	4315N	1940-18053	00000/0000	1-10034/0558	02/18/75	100	3108	27.2	142.7		PPPF				
12125W	4312N	1850-18092	00000/0000	1-10032/0454	11/20/74	80	1853	22.9	154.0		GGGG				
12125W	4312N	1868-18084	00000/0000	1-10032/0949	12/08/74	0	2104	19.5	153.5		PPGF				
12125W	4312N	1922-18062	00000/0000	1-10035/0040	01/31/75	80	2857	22.2	145.7		GGGG				
12125W	4308N	1886-18075	00000/0000	1-10033/0397	12/26/74	40	2355	18.2	151.6		PPP				
12125W	3443N	1956-17555	00000/0000	1-10035/0663	03/06/75	40	3331	37.7	133.5		GGGG				
12125W	3441N	5082-17491	00000/0000	1-10040/0136	07/10/75	80	5088	56.8	102.4		GGGG				
12126W	4317N	1994-18030	00000/0000	1-10037/0208	04/13/75	60	3861	46.5	132.8		GGFG				
12126W	4316N	1976-18040	00000/0000	1-10036/0428	03/26/75	50	3610	40.1	136.5		GGFG				
12126W	4316N	5084-17581	00000/0000	1-10040/0228	07/12/75	70	5116	55.3	117.1		FFGF				

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
12126W	3847N	1777-18070	00000/0000	1-10029/0956	09/08/74	0	835	47.8	134.2		PGPP	
12126W	3432N	1758-18032	00000/0000	1-10029/0026	08/20/74	40	570	54.0	120.3		GPFG	
12127W	4313N	5066-17591	00000/0000	1-10039/0375	06/24/75	80	4865	57.0	116.4		GFPG	
12127W	3436N	1866-17594	00000/0000	1-10032/0877	12/06/74	10	2076	26.6	149.8		GGPP	
12127W	3433N	1740-18040	00000/0000	1-10027/1128	08/02/74	70	319	57.1	112.5		GGGG	
12128W	4306N	1742-18125	00000/0000	1-10027/1212	08/04/74	40	347	54.0	126.8		GGGG	
12128W	3441N	1992-17541	00000/0000	1-10037/0157	04/11/75	20	3833	49.8	123.1		FGGG	
12128W	3437N	5064-17502	00000/0000	1-10039/0420	06/22/75	90	4837	58.2	101.3		FGGG	
12129W	3902N	1957-18002	00000/0000	1-10035/0721	03/07/75	100	3345	35.6	136.6		GGFG	
12129W	3901N	1939-18011	00000/0000	1-10034/0470	02/17/75	60	3094	29.6	140.2		FGG	
12129W	3858N	1831-18054	00000/0000	1-10031/0842	11/01/74	50	1588	31.3	150.3		PGF	
12129W	3857N	5083-17534	00000/0000	1-10040/0056	07/11/75	0	5102	56.3	109.8		FFFG	
12129W	3856N	1867-18041	00000/0000	1-10032/0815	12/07/74	20	2090	23.0	151.7		PPGG	
12129W	3853N	1921-18020	00000/0000	1-10034/0024	01/30/75	0	2843	25.0	143.7		GGGG	
12129W	3850N	1759-18074	00000/0000	1-10029/0038	08/21/74	0	584	52.2	126.8		GPFG	M
12129W	3849N	1741-18082	00000/0000	1-10027/1171	08/03/74	10	333	55.8	119.9		GGGG	
12129W	3437N	1974-17550	00000/0000	1-10036/0173	03/24/75	80	3582	43.9	128.7		GGGG	
12130W	3900N	1993-17583	00000/0000	1-10037/0078	04/12/75	0	3847	48.3	128.1		FGFG	
12130W	3851N	1849-18045	00000/0000	1-10032/0431	11/19/74	30	1839	26.6	151.9		PGGG	
12131W	5007N	5032-18103	00000/0000	1-10038/0305	05/21/75	90	4391	52.8	133.5		GGGG	
12131W	4310N	5012-18021	00000/0000	1-10037/0754	05/01/75	0	4112	51.9	128.2		FGFG	
12131W	4307N	5048-18001	00000/0000	1-10038/0630	06/06/75	10	4614	57.2	118.6		FFFF	
12131W	3434N	5028-17522	00000/0000	1-10037/0871	05/17/75	80	4335	57.5	109.5		GGGG	
12132W	3434N	5046-17512	00000/0000	1-10038/0592	06/04/75	90	4586	58.7	103.9		GFFF	
12134W	3852N	5011-17574	00000/0000	1-10037/0534	04/30/75	40	4098	53.4	122.5		GGFG	
12135W	3850N	5029-17565	00000/0000	1-10037/0877	05/18/75	0	4349	56.8	116.5		GGGG	
12135W	3849N	5047-17555	00000/0000	1-10039/0032	06/05/75	10	4600	58.2	111.4		FGGF	
12138W	4557N	1797-18153	00000/0000	1-10030/0746	09/28/74	20	1114	37.0	147.7		GGGG	
12140W	4605N	1851-18141	00000/0000	1-10032/0354	11/21/74	90	1867	20.3	155.4		PGGG	
12143W	4603N	1815-18153	00000/0000	1-10031/0170	10/16/74	10	1365	30.9	151.9		GPFG	
12144W	4608N	1941-18102	00000/0000	1-10034/0517	02/19/75	100	3122	25.6	144.2		GFFG	
12144W	4604N	1833-18145	00000/0000	1-10031/0910	11/03/74	50	1616	25.2	154.5		PPGG	
12144W	4557N	1779-18162	00000/0000	00000/0000	09/10/74	90	863	42.9	142.4		GPFG	
12144W	4557N	1887-18124	00000/0000	1-10033/0404	12/27/74	90	2369	16.0	152.6		F R	
12144W	4555N	1761-18170	00000/0000	1-10029/0198	08/23/74	80	612	48.1	136.5		GGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
12145W 4610N	1959-18094	00000/0000	1-10035/0938	03/09/75	60	3373	31.9	141.6		GGGG	
12145W 4606N	1995-18075	00000/0000	1-10037/0242	04/14/75	40	3875	45.3	135.8		GGFF	
12145W 4601N	1923-18111	00000/0000	1-10034/0076	02/01/75	80	2871	20.5	147.0		FFFF	
12145W 4600N	1869-18133	00000/0000	1-10032/0962	12/09/74	90	2118	17.1	154.6		FFPP	
12145W 3308N	1794-18021	00000/0000	1-10030/0643	09/25/74	90	1072	46.4	135.4		PPGG	
12147W 4554N	1743-18174	00000/0000	1-10027/1105	08/05/74	0	361	52.5	131.1		GGGG	
12147W 3315N	1812-18020	00000/0000	1-10030/1410	10/13/74	70	1323	41.2	142.2		PGPG	
12147W 3307N	1848-18005	00000/0000	1-10032/0245	11/18/74	60	1825	31.2	148.9		GGGG	
12148W 4603N	1977-18085	00000/0000	1-10036/0356	03/27/75	0	3624	38.8	138.8		GGGG	
12148W 4602N	5067-18040	00000/0000	1-10039/0224	06/25/75	70	4879	56.1	121.2		FFFF	
12148W 4143N	1796-18110	00000/0000	1-10030/0775	09/27/74	0	1100	40.3	144.0		GGGG	
12148W 3722N	1795-18064	00000/0000	1-10030/0729	09/26/74	60	1086	43.5	139.9		GPGG	
12148W 3305N	1776-18030	00000/0000	1-10029/1021	09/07/74	100	821	50.9	127.0		GGPG	
12149W 4153N	1814-18110	00000/0000	1-10030/1500	10/15/74	0	1351	34.4	149.0		GGGG	
12150W 4602N	5013-18070	00000/0000	1-10037/0698	05/02/75	90	4126	50.8	131.9		FFFF	
12150W 4558N	5049-18050	00000/0000	1-10038/0552	06/07/75	60	4628	56.3	123.4		GGGG	
12150W 3314N	1938-17571	00000/0000	1-10034/0462	02/16/75	70	3080	32.9	136.8		GGGF	
12151W 3317N	1956-17562	00000/0000	1-10035/0664	03/06/75	20	3331	38.5	132.3		GGGG	
12151W 3315N	5082-17494	00000/0000	1-10040/0137	07/10/75	100	5088	56.8	100.0		GFGG	
12151W 3307N	1758-18034	00000/0000	1-10029/0027	08/20/74	100	570	54.5	118.2		GPGG	
12153W 3735N	1813-18063	00000/0000	1-10030/1459	10/14/74	20	1337	37.9	145.7		GGGG	
12153W 3315N	1992-17543	00000/0000	1-10037/0158	04/11/75	90	3833	50.3	121.3		GGGG	
12153W 3310N	1866-18001	00000/0000	1-10032/0878	12/06/74	0	2076	27.7	149.1		PPPP	
12153W 3310N	5064-17504	00000/0000	1-10039/0421	06/22/75	100	4837	58.2	98.8		GGGG	
12153W 3307N	1740-18042	00000/0000	1-10027/1129	08/02/74	100	319	57.3	110.1		GGGG	
12154W 4136N	1778-18115	00000/0000	00000/0000	09/09/74	20	849	45.9	137.6		G PG	
12154W 3721N	1777-18073	00000/0000	1-10029/0957	09/08/74	10	835	48.5	132.6		PPPP	
12155W 4901N	1942-18152	00000/0000	1-10035/0016	02/20/75	80	3136	24.0	145.9		FGGG	
12155W 4553N	5031-18060	00000/0000	1-10038/0282	05/20/75	40	4377	54.6	127.3		FGGG	
12155W 4157N	1958-18051	00000/0000	1-10035/0852	03/08/75	80	3359	34.2	138.6		GGFG	
12155W 4148N	1832-18103	00000/0000	1-10031/0962	11/02/74	30	1602	28.8	152.1		PPPG	
12155W 4141N	1760-18124	00000/0000	1-10029/0162	08/22/74	20	598	50.6	130.9		GGGG	
12155W 3311N	1974-17553	00000/0000	1-10036/0174	03/24/75	100	3582	44.6	127.2		GGGG	
12156W 4855N	1852-18190	00000/0000	1-10032/0416	11/22/74	100	1881	17.8	156.7		PG	
12156W 4853N	1816-18202	00000/0000	1-10030/1611	10/17/74	20	1379	28.3	153.9		GPGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
12156W	4150N	1940-18060	00000/0000	1-10034/0559	02/18/75	100	3108	28.1	141.8		FPGF					
12156W	4147N	1850-18094	00000/0000	1-10032/0455	11/20/74	70	1853	24.0	153.3		GPFG					
12156W	4146N	1868-18090	00000/0000	1-10032/0950	12/08/74	0	2104	20.7	152.9		FFGG					
12156W	4143N	1886-18082	00000/0000	1-10033/0398	12/26/74	50	2355	19.3	151.0		PPP					
12156W	3306N	5010-17534	00000/0000	1-10037/0526	04/29/75	60	4084	54.9	114.2		PGGG					
12157W	4903N	1960-18143	00000/0000	1-10035/1000	03/10/75	60	3387	30.5	143.6		GGGG		M			
12157W	4152N	1994-18032	00000/0000	1-10037/0209	04/13/75	30	3861	47.2	131.2		GFFG					
12157W	4151N	5084-17583	00000/0000	1-10040/0229	07/12/75	40	5116	55.6	114.8		FGGG					
12157W	4148N	1922-18065	00000/0000	1-10035/0041	01/31/75	80	2857	23.2	145.0		GFGG					
12157W	3736N	1957-18004	00000/0000	1-10035/0722	03/07/75	80	3345	36.4	135.5		GGFG					
12157W	3736N	1939-18013	00000/0000	1-10034/0471	02/17/75	50	3094	30.5	139.3		FGG					
12157W	3727N	1921-18022	00000/0000	1-10034/0025	01/30/75	0	2843	26.0	143.0		GGGG		M		M	
12157W	3725N	1759-18081	00000/0000	1-10029/0039	08/21/74	30	584	52.8	124.8		PGGG					
12157W	3724N	1741-18085	00000/0000	1-10027/1175	08/03/74	0	333	56.2	117.6		G					
12158W	4857N	1834-18195	00000/0000	00000/0000	11/04/74	40	1630	22.5	156.1		P P					
12158W	4855N	5086-18075	00000/0000	00000/0000	07/14/75	70	5144	53.1	126.3		FFFF					
12158W	4849N	1744-18224	00000/0000	1-10027/1301	08/06/74	10	375	50.8	135.3		GGGG					
12158W	4846N	1780-18211	00000/0000	1-10030/0047	09/11/74	20	877	40.7	145.3		PGGG					
12158W	4150N	1976-18042	00000/0000	1-10036/0429	03/26/75	40	3610	40.9	135.1		FFFG					
12158W	4146N	5066-17593	00000/0000	1-10039/0376	06/24/75	70	4865	57.3	114.0		GGGG					
12158W	4141N	1742-18132	00000/0000	1-10027/1213	08/04/74	50	347	54.6	124.6		GGPG					
12158W	3732N	1831-18060	00000/0000	1-10031/0843	11/01/74	50	1588	32.4	149.5		PGPG					
12158W	3732N	5083-17541	00000/0000	1-10040/0057	07/11/75	40	5102	56.5	107.4		FGGG					
12158W	3730N	1867-18043	00000/0000	1-10032/0816	12/07/74	40	2090	24.2	151.0		PPPG		M			
12159W	4852N	1924-18160	00000/0000	1-10034/0066	02/02/75	50	2885	18.7	148.3		GFFF					
12159W	4845N	1762-18220	00000/0000	1-10029/0395	08/24/74	50	626	46.2	140.1		GPFG					
12159W	4845N	1888-18174	00000/0000	1-10033/0233	12/28/74	70	2383	13.8	153.7		FGPG					
12159W	3734N	1993-17590	00000/0000	1-10037/0079	04/12/75	10	3847	48.9	126.4		FFGG			M		
12159W	3726N	1849-18052	00000/0000	1-10032/0432	11/19/74	30	1839	27.7	151.2		PPGP					
12200W	3730N	1975-17595	00000/0000	1-10036/0370	03/25/75	60	3596	42.9	131.3		FFFG					
12201W	3726N	5011-17580	00000/0000	1-10037/0535	04/30/75	40	4098	53.9	120.4		GFGG					
12202W	4145N	5012-18023	00000/0000	1-10037/0755	05/01/75	0	4112	52.5	126.3		FGFG					
12202W	4142N	5048-18004	00000/0000	1-10038/0631	06/06/75	20	4614	57.6	116.2		FFFG					
12203W	4854N	1978-18134	00000/0000	1-10037/0055	03/28/75	10	3638	37.5	141.3		GGGG		M			
12203W	4141N	5030-18014	00000/0000	1-10037/0881	05/19/75	50	4363	56.1	120.9		GGGG					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
12203W 3725N	5029-17571	00000/0000	1-10037/0878	05/18/75	40	4349	57.1	114.1		GGGF	
12203W 3724N	5047-17561	00000/0000	1-10039/0033	06/05/75	50	4600	58.4	108.8		FGGG	
12206W 4848N	5050-18095	00000/0000	1-10038/0604	06/08/75	60	4642	55.3	127.9		GGGG	M
12209W 4842N	5032-18105	00000/0000	1-10038/0306	05/21/75	90	4391	53.5	131.3		GFGG	
12211W 4432N	1797-18160	00000/0000	1-10030/0747	09/28/74	0	1114	38.1	146.6		GGGG	
12214W 4440N	1851-18144	00000/0000	1-10032/0355	11/21/74	80	1867	21.5	154.7		PGGG	
12216W 4437N	1815-18155	00000/0000	1-10031/0171	10/16/74	0	1365	32.0	151.0		GGGG	
12216W 3557N	1795-18070	00000/0000	1-10030/0730	09/26/74	80	1086	44.4	138.6		GGGG	
12217W 4443N	1941-18105	00000/0000	1-10034/0518	02/19/75	100	3122	26.5	143.4		FFFG	
12217W 4432N	1887-18131	00000/0000	1-10033/0405	12/27/74	100	2369	17.1	152.0		P	
12217W 4431N	1779-18164	00000/0000	00000/0000	09/10/74	70	863	43.8	141.0		GPFG	
12218W 4438N	1833-18152	00000/0000	1-10031/0911	11/03/74	40	1616	26.3	153.7		PQPP	
12218W 4431N	1761-18173	00000/0000	1-10029/0199	08/23/74	50	612	48.9	134.8		GGGG	
12218W 4017N	1796-18113	00000/0000	1-10030/0776	09/27/74	0	1100	41.3	142.8		GGGG	
12219W 4445N	1959-18100	00000/0000	1-10035/0939	03/09/75	60	3373	32.9	140.6		GFGG	
12219W 4441N	1995-18082	00000/0000	1-10037/0243	04/14/75	40	3875	46.1	134.2		GGGF	
12219W 4436N	1923-18114	00000/0000	1-10034/0077	02/01/75	70	2871	21.5	146.3		GFFF	
12219W 4435N	1869-18135	00000/0000	1-10032/0963	12/09/74	90	2118	18.3	154.0		FFFP	
12220W 4429N	1743-18181	00000/0000	1-10027/1106	08/05/74	20	361	53.2	129.1		GPPG	M
12220W 4027N	1814-18112	00000/0000	1-10030/1501	10/15/74	0	1351	35.5	148.0		GPFG	
12220W 3609N	1813-18065	00000/0000	1-10030/1460	10/14/74	70	1337	38.9	144.7		GGGG	
12221W 4436N	5067-18043	00000/0000	1-10039/0225	06/25/75	80	4879	56.6	118.8		FFFF	
12222W 4438N	1977-18091	00000/0000	1-10036/0357	03/27/75	0	3624	39.7	137.5		GGGG	
12222W 3555N	1777-18075	00000/0000	1-10029/0958	09/08/74	50	835	49.3	130.9		GP P	
12223W 4437N	5013-18072	00000/0000	1-10037/0699	05/02/75	100	4126	51.5	129.9		FGFG	
12223W 4433N	5049-18053	00000/0000	1-10038/0553	06/07/75	40	4628	56.8	121.0		GGGF	
12224W 4011N	1778-18122	00000/0000	00000/0000	09/09/74	0	849	46.7	136.1		PQPG	
12224W 3610N	1957-18011	00000/0000	1-10035/0723	03/07/75	50	3345	37.2	134.4		GFFG	
12224W 3609N	1939-18020	00000/0000	1-10034/0472	02/17/75	20	3094	31.4	138.4		FFFF	
12224W 3559N	1741-18091	00000/0000	1-10027/1172	08/03/74	0	333	56.6	115.3		PPGP	
12224W 3559N	1759-18083	00000/0000	1-10029/0040	08/21/74	80	584	53.3	122.8		GGGG	
12225W 4031N	1958-18053	00000/0000	1-10035/0853	03/08/75	90	3359	35.1	137.5		GGGG	
12225W 4023N	1832-18105	00000/0000	1-10031/0963	11/02/74	10	1602	29.9	151.3		PPFG	
12225W 4016N	1760-18130	00000/0000	1-10029/0163	08/22/74	0	598	51.3	129.1		GPFG	
12225W 3607N	5083-17543	00000/0000	1-10040/0058	07/11/75	80	5102	56.6	105.0		FGGG	

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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS			
LONG	LAT											123	45678	B C	P C
12225W	3602N	1921-18025	00000/0000	1-10034/0026	01/30/75	10	2843	26.9	142.2		FFGF				
12226W	4025N	1940-18062	00000/0000	1-10034/0560	02/18/75	70	3108	29.0	140.9		FFGG				
12226W	4021N	1850-18101	00000/0000	1-10032/0456	11/20/74	90	1853	25.2	152.6		GGGG				
12226W	4021N	1868-18093	00000/0000	1-10032/0951	12/08/74	10	2104	21.8	152.2		FFGG				
12226W	3608N	1993-17592	00000/0000	1-10037/0080	04/12/75	80	3847	49.5	124.6		GGGF				
12226W	3606N	1831-18063	00000/0000	1-10031/0844	11/01/74	50	1588	33.5	148.6		GGPG				
12226W	3605N	1867-18050	00000/0000	1-10032/0817	12/07/74	40	2090	25.3	150.4		PPPP				
12227W	4026N	1994-18035	00000/0000	1-10037/0210	04/13/75	60	3861	47.9	129.5		FFFF				
12227W	4025N	5084-17590	00000/0000	1-10040/0230	07/12/75	10	5116	55.9	112.4		GGGP				
12227W	4022N	1922-18071	00000/0000	1-10035/0042	01/31/75	90	2857	24.2	144.3		GGFG				
12227W	4018N	1886-18084	00000/0000	1-10033/0399	12/26/74	50	2355	20.4	150.3		PPP				
12227W	4015N	1742-18134	00000/0000	1-10027/1214	08/04/74	10	347	55.1	122.4		GGGG				
12227W	3604N	1975-18002	00000/0000	1-10036/0371	03/25/75	70	3596	43.6	129.8		FFGF				
12227W	3601N	1849-18054	00000/0000	1-10032/0433	11/19/74	40	1839	28.8	150.5		GPPP				
12228W	4428N	5031-18063	00000/0000	1-10038/0283	05/20/75	70	4377	55.2	125.0		GGGG				
12228W	4024N	1976-18045	00000/0000	1-10036/0430	03/26/75	10	3610	41.7	133.8		FFFG				
12228W	4022N	5066-18000	00000/0000	1-10039/0377	06/24/75	60	4865	57.6	111.5		GGGG				
12228W	3601N	5011-17583	00000/0000	1-10037/0536	04/30/75	80	4098	54.3	118.3		GGGG				
12230W	3600N	5029-17574	00000/0000	1-10037/0879	05/18/75	70	4349	57.4	111.6		FGGG				
12230W	3558N	5047-17564	00000/0000	1-10039/0034	06/05/75	90	4600	58.6	106.2		GGFG				
12231W	4019N	5012-18030	00000/0000	1-10037/0756	05/01/75	10	4112	53.1	124.3		GGFG				
12232W	4736N	1942-18154	00000/0000	1-10035/0017	02/20/75	50	3136	24.9	145.0		GGGG				
12232W	4017N	5048-18010	00000/0000	1-10038/0632	06/06/75	10	4614	57.9	113.7		FFFF				
12233W	4730N	1852-18193	00000/0000	1-10032/0411	11/22/74	100	1881	19.0	156.0		PGG				
12233W	4729N	1816-18205	00000/0000	1-10030/1612	10/17/74	0	1379	29.5	153.0		GPGG				
12233W	4016N	5030-18020	00000/0000	1-10037/0882	05/19/75	20	4363	56.5	118.5		FGGG				
12234W	4738N	1960-18145	00000/0000	1-10035/1001	03/10/75	60	3387	31.4	142.6		GGFG				
12234W	4732N	1834-18201	00000/0000	00000/0000	11/04/74	30	1630	23.7	155.4		P P				
12234W	4721N	1780-18214	00000/0000	1-10030/0048	09/11/74	20	877	41.6	144.0		GGGG				
12235W	4731N	5086-18081	00000/0000	00000/0000	07/14/75	90	5144	53.7	124.1		FGFF				
12235W	4724N	1744-18230	00000/0000	1-10027/1302	08/06/74	20	375	51.5	133.4		GGGG				
12235W	4720N	1762-18222	00000/0000	1-10029/0396	08/24/74	30	626	47.0	138.5		GPGG				
12236W	4727N	1924-18163	00000/0000	1-10034/0067	02/02/75	90	2885	19.7	147.6		FFGF				
12236W	4720N	1888-18180	00000/0000	1-10033/0234	12/28/74	50	2383	14.9	153.1		GGFG				
12239W	4729N	1978-18140	00000/0000	1-10037/0056	03/28/75	10	3638	38.4	140.0		FFGF				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
12242W	4723N	5050-18102	00000/0000	1-10038/0605	06/08/75	50	4642	55.8	125.5		GGFG				
12242W	3433N	1795-18073	00000/0000	1-10030/0731	09/26/74	100	1086	45.3	137.2		GGGG				
12244W	4307N	1797-18162	00000/0000	1-10030/0748	09/28/74	0	1114	39.1	145.4		GGGG				M
12245W	5010N	1781-18263	00000/0000	1-10030/0030	09/12/74	10	891	39.4	146.9		GGPG				
12246W	5009N	1889-18225	00000/0000	1-10033/0510	12/29/74	80	2397	12.7	154.2		FFFF				
12246W	4718N	5032-18112	00000/0000	1-10038/0307	05/21/75	80	4391	54.2	129.2		GGGG				
12246W	3442N	1813-18072	00000/0000	1-10030/1461	10/14/74	100	1337	39.9	143.6		GGGG				
12247W	4314N	1851-18150	00000/0000	1-10032/0356	11/21/74	70	1867	22.6	154.0		PPGG				
12248W	4312N	1815-18162	00000/0000	1-10031/0172	10/16/74	0	1365	33.1	150.1		GGGG				
12248W	3852N	1796-18115	00000/0000	1-10030/0777	09/27/74	20	1100	42.2	141.5		GGGG				
12249W	5008N	1763-18271	00000/0000	1-10029/0382	08/25/74	10	640	45.0	142.0		GGGG				
12249W	4306N	1779-18171	00000/0000	00000/0000	09/10/74	10	863	44.7	139.6		PPPG				
12249W	3902N	1814-18115	00000/0000	1-10030/1502	10/15/74	10	1351	36.5	147.0		GGGG				
12249W	3431N	1777-18082	00000/0000	1-10029/0959	09/08/74	80	835	50.0	129.3		GGPG				
12250W	4318N	1941-18111	00000/0000	1-10034/0519	02/19/75	100	3122	27.5	142.5		GGGF				
12250W	4306N	1761-18175	00000/0000	1-10029/0200	08/23/74	30	612	49.6	133.1		GGGG				
12250W	4306N	1887-18133	00000/0000	1-10033/0415	12/27/74	100	2369	18.2	151.4		FP				
12250W	3444N	1939-18022	00000/0000	1-10034/0473	02/17/75	30	3094	32.3	137.5		FFGG				
12250W	3444N	1957-18013	00000/0000	1-10035/0724	03/07/75	50	3345	38.0	133.3		GGFG				
12250W	3435N	1759-18090	00000/0000	1-10029/0041	08/21/74	100	584	53.9	120.8		GGPG				
12251W	4320N	1959-18103	00000/0000	1-10035/0940	03/09/75	70	3373	33.7	139.5		GGGG				
12251W	4314N	1833-18154	00000/0000	1-10031/0912	11/03/74	20	1616	27.4	153.0		PPPP				
12251W	4311N	1923-18120	00000/0000	1-10034/0078	02/01/75	100	2871	22.5	145.5		FFFF				
12251W	4310N	1869-18142	00000/0000	1-10032/0964	12/09/74	90	2118	19.4	153.4		FPFP				
12251W	3435N	1921-18031	00000/0000	1-10034/0027	01/30/75	10	2843	27.9	141.4		FGGG				
12251W	3433N	1741-18094	00000/0000	1-10027/1173	08/03/74	0	333	56.9	112.9		GGGG				
12252W	4316N	1995-18084	00000/0000	1-10037/0244	04/14/75	80	3875	46.8	132.6		GGFG				
12252W	4304N	1743-18183	00000/0000	1-10027/1107	08/05/74	60	361	53.8	127.0		GGPG				
12252W	3441N	5083-17550	00000/0000	1-10040/0059	07/11/75	90	5102	56.7	102.6		GGGG				
12253W	3846N	1778-18124	00000/0000	00000/0000	09/09/74	10	849	47.5	134.6		PPPG				
12253W	3443N	1993-17595	00000/0000	1-10037/0081	04/12/75	80	3847	50.1	122.8		FGFG				
12253W	3440N	1831-18065	00000/0000	1-10031/0845	11/01/74	60	1588	34.6	147.8		GGPG				
12253W	3439N	1867-18052	00000/0000	1-10032/0818	12/07/74	80	2090	26.4	149.7		PPPP				
12253W	3438N	1975-18004	00000/0000	1-10036/0372	03/25/75	70	3596	44.3	128.4		GGGF				
12254W	4312N	1977-18094	00000/0000	1-10036/0358	03/27/75	0	3624	40.5	136.2		GGGG				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS						123	45678	
12254W	4311N	5067-18045	00000/0000	1-10039/0226	06/25/75	90	4879	56.9	116.4		FFFG	
12254W	3905N	1958-18060	00000/0000	1-10035/0854	03/08/75	80	3359	35.9	136.5		GGGG	
12254W	3857N	1832-18112	00000/0000	1-10031/0964	11/02/74	0	1602	31.1	150.5		PPPP	
12254W	3850N	1760-18133	00000/0000	1-10029/0164	08/22/74	0	598	51.9	127.2		GGPG	
12254W	3435N	1849-18061	00000/0000	1-10032/0434	11/19/74	50	1839	29.9	149.7		GGPG	
12255W	4312N	5013-18075	00000/0000	1-10037/0700	05/02/75	90	4126	52.1	128.0		FGGG	
12255W	4308N	5049-18055	00000/0000	1-10038/0554	06/07/75	20	4628	57.3	118.5		GGGG	
12255W	3900N	5084-17592	00000/0000	1-10040/0231	07/12/75	10	5116	56.2	110.0		FFF	
12255W	3859N	1940-18065	00000/0000	1-10034/0561	02/18/75	70	3108	30.0	140.0		FGGG	
12255W	3436N	5011-17585	00000/0000	1-10037/0537	04/30/75	70	4098	54.8	116.1		GGGG	
12256W	3900N	1994-18041	00000/0000	1-10037/0211	04/13/75	30	3861	48.6	127.8		GGFG	
12256W	3856N	1922-18074	00000/0000	1-10035/0043	01/31/75	90	2857	25.2	143.5		GGGG	
12256W	3855N	1868-18095	00000/0000	1-10032/0952	12/08/74	20	2104	22.9	151.6		FFFG	
12256W	3853N	1886-18091	00000/0000	1-10033/0396	12/26/74	40	2355	21.5	149.7		P P P	
12256W	3849N	1742-18141	00000/0000	1-10027/1215	08/04/74	30	347	55.6	120.2		GGGG	
12256W	3433N	5047-17570	00000/0000	1-10039/0035	06/05/75	90	4600	58.7	103.7		FGFG	
12257W	3858N	1976-18051	00000/0000	1-10036/0431	03/26/75	10	3610	42.5	132.4		FFFG	
12257W	3434N	5029-17580	00000/0000	1-10037/0880	05/18/75	80	4349	57.7	109.2		GGGG	
12300W	4302N	5031-18065	00000/0000	1-10038/0284	05/20/75	80	4377	55.7	122.8		FGGG	
12300W	3854N	5012-18032	00000/0000	1-10037/0757	05/01/75	40	4112	53.6	122.2		FGFF	
12301W	3850N	5048-18013	00000/0000	1-10038/0633	06/06/75	30	4614	58.2	111.1		FF F	
12308W	4611N	1942-18161	00000/0000	1-10035/0018	02/20/75	60	3136	25.9	144.1		GGGG	
12308W	4605N	1852-18195	00000/0000	1-10032/0406	11/22/74	90	1881	20.1	155.4		PPPP	
12308W	4604N	1816-18211	00000/0000	1-10030/1613	10/17/74	20	1379	30.6	152.1		GGGG	
12308W	4556N	1780-18220	00000/0000	1-10030/0049	09/11/74	0	877	42.6	142.7		GGGG	M
12309W	4613N	1960-18152	00000/0000	1-10035/1002	03/10/75	50	3387	32.3	141.5		FGGG	
12309W	4607N	1834-18204	00000/0000	00000/0000	11/04/74	20	1630	24.8	154.6		P P	
12309W	4558N	1744-18233	00000/0000	1-10027/1303	08/06/74	40	375	52.3	131.4		GGPG	
12310W	4605N	5086-18084	00000/0000	00000/0000	07/14/75	90	5144	54.2	121.9		GGFG	
12310W	4555N	1762-18225	00000/0000	1-10029/0397	08/24/74	20	626	47.8	136.8		GGGP	
12311W	4603N	1924-18165	00000/0000	1-10034/0068	02/02/75	90	2885	20.7	146.8		FFGF	
12311W	4556N	1888-18183	00000/0000	1-10033/0235	12/28/74	30	2383	16.0	152.5		FGGG	
12315W	4604N	1978-18143	00000/0000	1-10037/0057	03/28/75	10	3638	39.2	138.7		FGGG	
12315W	4141N	1797-18165	00000/0000	1-10030/0749	09/28/74	20	1114	40.0	144.2		GGPG	M
12316W	3726N	1796-18122	00000/0000	1-10030/0778	09/27/74	60	1100	43.2	140.3		GGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
12317W 4558N	5050-18104	00000/0000	1-10038/0606	06/08/75	20	4642	56.4	123.2		GGGG	
12318W 4148N	1851-18153	00000/0000	1-10032/0357	11/21/74	80	1867	23.8	153.4		PPGG	
12318W 3736N	1814-18121	00000/0000	1-10030/1503	10/15/74	90	1351	37.6	146.0		PGGG	
12319W 4852N	1853-18244	00000/0000	1-10032/0607	11/23/74	90	1895	17.6	156.7		GP GG	
12319W 4146N	1815-18164	00000/0000	1-10031/0173	10/16/74	10	1365	34.2	149.1		PGGG	
12320W 4855N	1817-18260	00000/0000	1-10030/1192	10/18/74	10	1393	28.0	154.1		GGGG	
12320W 4553N	5032-18114	00000/0000	1-10038/0308	05/21/75	90	4391	54.8	127.0		GF FG	
12320W 4141N	1779-18173	00000/0000	00000/0000	09/10/74	10	863	45.5	138.1		PPFG	
12321W 4152N	1941-18114	00000/0000	1-10034/0520	02/19/75	100	3122	28.4	141.6		GGGG	
12321W 3720N	1778-18131	00000/0000	00000/0000	09/09/74	60	849	48.3	139.0		PPPG	
12322W 4901N	1961-18201	00000/0000	1-10036/0019	03/11/75	0	3401	30.9	143.5		FGGG	
12322W 4856N	1835-18253	00000/0000	1-10031/0989	11/05/74	80	1644	22.2	156.2		GP PP	
12322W 4148N	1833-18161	00000/0000	1-10031/0913	11/03/74	0	1616	28.5	152.2		PPGP	
12322W 4146N	1923-18123	00000/0000	1-10034/0079	02/01/75	100	2871	23.5	144.8		FFFF	
12322W 4144N	1869-18144	00000/0000	1-10032/0965	12/09/74	80	2118	20.5	152.8		PPPP	
12322W 4142N	1761-18182	00000/0000	1-10029/0201	08/23/74	30	612	50.4	131.3		PGGG	
12322W 4141N	1887-18140	00000/0000	1-10033/0406	12/27/74	100	2369	19.3	150.8		F	
12322W 3739N	1958-18062	00000/0000	1-10035/0855	03/08/75	90	3359	36.8	135.3		GGGG	
12322W 3733N	1940-18071	00000/0000	1-10034/0562	02/18/75	90	3108	30.9	139.1		FFFF	
12322W 3725N	1760-18135	00000/0000	1-10029/0165	08/22/74	20	598	52.6	125.3		GGPP	
12323W 4845N	1781-18265	00000/0000	1-10030/0031	09/12/74	0	891	40.3	145.6		PGGG	
12323W 4154N	1959-18105	00000/0000	1-10035/0941	03/09/75	50	3373	34.6	138.4		GGGG	
12323W 4151N	1995-18091	00000/0000	1-10037/0245	04/14/75	60	3875	47.6	130.9		GF GG	
12323W 4138N	1743-18190	00000/0000	1-10027/1108	08/05/74	100	361	54.4	124.9		GP P	
12323W 3734N	5084-17595	00000/0000	1-10040/0232	07/12/75	60	5116	56.4	107.6		FGG	
12323W 3731N	1832-18114	00000/0000	1-10031/0965	11/02/74	10	1602	32.1	149.6		PPP	
12324W 3735N	1994-18044	00000/0000	1-10037/0212	04/13/75	50	3861	49.2	126.1		GGFG	
12324W 3730N	1868-18102	00000/0000	1-10032/0953	12/08/74	30	2104	24.0	151.0		FFGG	
12324W 3730N	1922-18080	00000/0000	1-10035/0044	01/31/75	90	2857	26.2	142.8		GGGG	
12324W 3729N	1850-18110	00000/0000	1-10032/0435	11/20/74	90	1853	27.4	151.3		P GG	
12324W 3727N	1886-18093	00000/0000	1-10033/0400	12/26/74	50	2355	22.6	149.1		PPFP	
12324W 3724N	1742-18143	00000/0000	1-10027/1216	08/04/74	90	347	56.0	118.0		GGGG	
12325W 4851N	1925-18215	00000/0000	1-10034/0087	02/03/75	90	2899	18.9	148.2		GGGG	
12325W 4849N	1871-18240	00000/0000	1-10033/0310	12/11/74	20	2146	14.6	155.7		FFF	
12325W 4844N	1889-18232	00000/0000	1-10033/0511	12/29/74	90	2397	13.8	153.6		FFFF	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
12325W 4147N	1977-18100	00000/0000	1-10036/0359	03/27/75	0	3624	41.3	134.9		GGGG	
12325W 4146N	5067-18052	00000/0000	1-10039/0227	06/25/75	80	4879	57.3	113.9		GGGG	M
12325W 3732N	1976-18054	00000/0000	1-10036/0432	03/26/75	10	3610	43.2	131.0		FFFF	
12326W 4849N	1745-18282	00000/0000	1-10027/1380	08/07/74	10	389	50.6	135.6		GGGG	
12326W 4143N	5049-18062	00000/0000	1-10038/0555	06/07/75	0	4628	57.6	116.1		FFFF	
12327W 4843N	1763-18274	00000/0000	1-10029/0383	08/25/74	20	640	45.9	140.4		PGPG	
12328W 3729N	5012-18035	00000/0000	1-10037/0758	05/01/75	90	4112	54.1	120.1		GGFF	
12329W 4852N	1979-18192	00000/0000	1-10036/0509	03/29/75	50	3652	37.9	141.1		FGFG	
12329W 3724N	5048-18015	00000/0000	1-10038/0634	06/06/75	60	4614	58.4	108.6		FFPF	
12331W 4848N	5015-18173	00000/0000	1-10037/0651	05/04/75	80	4154	49.9	135.1		FG G	
12331W 4137N	5031-18072	00000/0000	1-10038/0285	05/20/75	30	4377	56.2	120.5		GGGG	
12341W 4439N	1816-18214	00000/0000	1-10030/1614	10/17/74	40	1379	31.7	151.2		GGGG	
12341W 4429N	1780-18223	00000/0000	1-10030/0050	09/11/74	0	877	43.5	141.3		GGP	
12342W 4448N	1960-18154	00000/0000	1-10035/1003	03/10/75	80	3387	33.2	140.4		FFGG	
12342W 4446N	1942-18163	00000/0000	1-10035/0019	02/20/75	60	3136	26.8	143.2		GGGG	
12342W 4440N	1852-18202	00000/0000	1-10032/0407	11/22/74	90	1881	21.3	154.7		PPPP	
12342W 4434N	1744-18235	00000/0000	1-10027/1304	08/06/74	20	375	52.9	129.4		GG G	
12343W 4442N	1834-18210	00000/0000	00000/0000	11/04/74	40	1630	26.0	153.9		P P	
12343W 4439N	5086-18090	00000/0000	00000/0000	07/14/75	80	5144	54.6	119.6		GFFF	
12343W 4430N	1762-18231	00000/0000	1-10029/0398	08/24/74	30	626	48.6	135.1		PPGG	M
12344W 4438N	1924-18172	00000/0000	1-10034/0069	02/02/75	80	2885	21.7	146.1		FFFF	
12344W 3600N	1796-18124	00000/0000	1-10030/0779	09/27/74	90	1100	44.1	139.0		GGGG	
12345W 4431N	1888-18185	00000/0000	1-10033/0236	12/28/74	20	2383	17.1	151.9		FGFG	
12345W 4015N	1797-18171	00000/0000	1-10030/0750	09/28/74	40	1114	41.0	143.1		PGPG	
12345W 3610N	1814-18124	00000/0000	1-10030/1504	10/15/74	100	1351	38.6	145.0		GGGG	
12348W 3555N	1778-18133	00000/0000	00000/0000	09/09/74	90	849	49.0	131.4		GPGG	
12349W 4439N	1978-18145	00000/0000	1-10037/0058	03/28/75	0	3638	40.1	137.4		FFFG	
12349W 4023N	1851-18155	00000/0000	1-10032/0358	11/21/74	90	1867	24.9	152.7		PPGG	
12349W 4021N	1815-18171	00000/0000	1-10031/0174	10/16/74	30	1365	35.2	148.2		GPGG	
12349W 3559N	1760-18142	00000/0000	1-10029/0166	08/22/74	10	598	53.1	123.3		PGGP	
12350W 4433N	5050-18111	00000/0000	1-10038/0607	06/08/75	20	4642	56.9	120.8		GGFG	
12350W 3608N	1940-18074	00000/0000	1-10034/0563	02/18/75	80	3108	31.7	138.2		GFFF	
12350W 3605N	1832-18121	00000/0000	1-10031/0966	11/02/74	50	1602	33.2	148.8		PPP	
12351W 4015N	1779-18180	00000/0000	00000/0000	09/10/74	10	863	46.4	136.6		PPPP	
12351W 3609N	1994-18050	00000/0000	1-10037/0213	04/13/75	70	3861	49.8	124.3		GGFG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
12351W 3604N	1922-18083	00000/0000	1-10035/0045	01/31/75	80	2857	27.1	142.0		GGGG	
12351W 3603N	1850-18112	00000/0000	1-10032/0436	11/20/74	80	1853	28.5	150.5		P GG	
12352W 4027N	1941-18120	00000/0000	1-10034/0521	02/19/75	100	3122	29.3	140.7		FGGG	
12352W 4020N	1923-18125	00000/0000	1-10034/0080	02/01/75	90	2871	24.4	144.1		FFTF	
12352W 4017N	1761-18184	00000/0000	1-10029/0202	08/23/74	40	612	51.1	129.5		GGGG	
12352W 4016N	1887-18142	00000/0000	1-10033/0407	12/27/74	90	2369	20.4	150.2		F	
12352W 3604N	1868-18104	00000/0000	1-10032/0954	12/08/74	30	2104	25.1	150.3		PFGG	
12352W 3558N	1742-18150	00000/0000	1-10027/1217	08/04/74	100	347	56.4	115.6		GGGG	
12353W 4029N	1959-18112	00000/0000	1-10035/0942	03/09/75	40	3373	35.5	137.3		GGGG	
12353W 4025N	1995-18093	00000/0000	1-10037/0246	04/14/75	60	3875	48.3	129.2		GGGG	
12353W 4023N	1833-18163	00000/0000	1-10031/0914	11/03/74	10	1616	29.7	151.4		PPPP	
12353W 4019N	1869-18151	00000/0000	1-10032/0966	12/09/74	70	2118	21.7	152.2		FFFP	
12353W 4013N	1743-18192	00000/0000	1-10027/1109	08/05/74	100	361	54.9	122.7		GPGG	
12353W 3606N	1976-18060	00000/0000	1-10036/0433	03/26/75	20	3610	43.9	129.6		FFFF	
12354W 4428N	5032-18121	00000/0000	1-10038/0309	05/21/75	60	4391	55.3	124.8		FPGF	
12355W 4021N	1977-18103	00000/0000	1-10036/0360	03/27/75	10	3624	42.1	133.5		GGFG	
12356W 4727N	1853-18251	00000/0000	1-10032/0608	11/23/74	90	1895	18.7	156.0		GPPG	
12356W 4021N	5013-18084	00000/0000	1-10037/0701	05/02/75	30	4126	53.3	124.0		GGTF	
12356W 4018N	5049-18064	00000/0000	1-10038/0556	06/07/75	10	4628	58.0	113.5		FFTF	
12356W 3603N	5012-18041	00000/0000	1-10037/0759	05/01/75	100	4112	54.6	117.9		FFFF	
12356W 3559N	5048-18022	00000/0000	1-10038/0635	06/06/75	70	4614	58.6	106.0		FFPF	
12357W 4729N	1817-18263	00000/0000	1-10030/1193	10/18/74	0	1393	29.1	153.2		GGPG	
12359W 4736N	1961-18203	00000/0000	1-10036/0020	03/11/75	20	3401	31.8	142.4		FGGF	
12359W 4731N	1835-18255	00000/0000	1-10031/0990	11/05/74	90	1644	23.4	155.4		PPPP	
12400W 4720N	1781-18272	00000/0000	1-10030/0032	09/12/74	0	891	41.3	144.3		GGGG	M
12401W 4726N	1925-18221	00000/0000	1-10034/0088	02/03/75	90	2899	19.9	147.4		GGFG	
12401W 4013N	5031-18074	00000/0000	1-10038/0286	05/20/75	10	4377	56.7	118.1		FGGF	M
12402W 4724N	1871-18243	00000/0000	1-10033/0311	12/11/74	20	2146	15.8	155.1		FFG	
12402W 4719N	1889-18234	00000/0000	1-10033/0512	12/29/74	90	2397	14.9	152.9		FFFF	
12403W 4724N	1745-18284	00000/0000	1-10027/1381	08/07/74	30	389	51.3	133.7		GGGG	
12403W 4719N	1763-18280	00000/0000	1-10029/0384	08/25/74	40	640	46.7	138.8		GGPG	
12406W 4727N	1979-18195	00000/0000	1-10036/0510	03/29/75	70	3652	38.8	139.8		GGFG	
12408W 4724N	5015-18175	00000/0000	1-10037/0652	05/04/75	80	4154	50.6	133.2		GFGG	
12409W 5008N	1782-18321	00000/0000	1-10029/1204	09/13/74	0	905	39.1	147.2		GGGG	
12410W 3434N	1796-18131	00000/0000	1-10030/0780	09/27/74	100	1100	45.0	137.6		GGGG	

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 - COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
12411W	5010N	1890-18283	00000/0000	1-10033/0494	12/30/74	0	2411	12.7	154.1	FFFF	
12413W	4314N	1816-18220	00000/0000	1-10030/1615	10/17/74	40	1379	32.7	150.3	GGGG	
12413W	4304N	1780-18225	00000/0000	1-10030/0051	09/11/74	0	877	44.4	139.9	GGG	
12414W	4320N	1942-18170	00000/0000	1-10035/0020	02/20/75	50	3136	27.8	142.4	GGGG	
12414W	4314N	1852-18204	00000/0000	1-10032/0408	11/22/74	60	1881	22.4	154.0	PPGG	
12414W	4308N	1744-18242	00000/0000	1-10027/1305	08/06/74	0	375	53.6	127.4	P G	
12414W	3850N	1797-18174	00000/0000	1-10030/0751	09/28/74	80	1114	42.0	141.8	PGGG	
12415W	5008N	1764-18325	00000/0000	1-10029/0364	08/26/74	0	654	44.7	142.2	GGPG	
12415W	4305N	1762-18234	00000/0000	1-10029/0399	08/24/74	40	626	49.4	133.4	GGPG	M
12415W	3430N	1778-18140	00000/0000	00000/0000	09/09/74	90	849	49.8	129.7	GGPG	
12416W	5010N	1908-18275	00000/0000	1-10033/0883	01/17/75	100	2662	14.4	151.4	FGFF	
12416W	4314N	5086-18093	00000/0000	00000/0000	07/14/75	70	5144	55.0	117.3	FFFF	
12416W	4313N	1924-18174	00000/0000	1-10034/0070	02/02/75	70	2885	22.7	145.4	FFFF	
12418W	4306N	1888-18192	00000/0000	1-10033/0237	12/28/74	20	2383	18.2	151.3	GGFF	
12418W	3857N	1851-18162	00000/0000	1-10032/0359	11/21/74	90	1867	26.0	152.0	PGGG	
12418W	3856N	1815-18173	00000/0000	1-10031/0175	10/16/74	70	1365	36.3	147.2	PPPG	
12418W	3438N	1868-18111	00000/0000	1-10032/0955	12/08/74	80	2104	26.2	149.7	FF P	
12418W	3432N	1742-18152	00000/0000	1-10027/1218	08/04/74	100	347	56.8	113.3	PGGG	
12419W	3849N	1779-18182	00000/0000	00000/0000	09/10/74	0	863	47.2	135.1	PPPP	
12421W	4314N	1978-18152	00000/0000	1-10037/0059	03/28/75	0	3638	40.9	136.0	FFFF	
12421W	3901N	1941-18123	00000/0000	1-10034/0522	02/19/75	100	3122	30.2	139.9	FGFG	
12421W	3855N	1923-18132	00000/0000	1-10034/0081	02/01/75	70	2871	25.4	143.3	FFFF	
12421W	3851N	1761-18191	00000/0000	1-10029/0203	08/23/74	70	612	51.7	127.6	GGGG	
12422W	4308N	5050-18113	00000/0000	1-10038/0608	06/08/75	10	4642	57.3	118.3	GGGG	
12422W	3903N	1959-18114	00000/0000	1-10035/0943	03/09/75	50	3373	36.3	136.2	GGGG	
12422W	3900N	1995-18100	00000/0000	1-10037/0247	04/14/75	30	3875	48.9	127.5	GGGG	
12422W	3856N	1833-18170	00000/0000	1-10031/0915	11/03/74	40	1616	30.8	150.6	PPGP	
12422W	3854N	1869-18153	00000/0000	1-10032/0967	12/09/74	60	2118	22.8	151.5	PPPG	
12422W	3850N	1887-18145	00000/0000	1-10033/0408	12/27/74	70	2369	21.5	149.6	F P	
12422W	3847N	1743-18195	00000/0000	1-10027/1110	08/05/74	60	361	55.4	120.5	GPPG	
12424W	3855N	1977-18105	00000/0000	1-10036/0361	03/27/75	30	3624	42.9	132.1	GGFG	
12425W	3856N	5013-18090	00000/0000	1-10037/0702	05/02/75	30	4126	53.8	121.9	GGFF	
12425W	3852N	5049-18071	00000/0000	1-10038/0557	06/07/75	10	4628	58.2	111.0	FFPG	
12426W	4303N	5032-18123	00000/0000	1-10038/0310	05/21/75	60	4391	55.9	122.5	FGGG	
12430W	3848N	5031-18081	00000/0000	1-10038/0287	05/20/75	10	4377	57.0	115.7	FFFF	

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STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
12432W	4602N	1853-18253	00000/0000	1-10032/0609	11/23/74	100	1895	19.9	155.4		PGPP	
12433W	4604N	1817-18265	00000/0000	1-10030/1194	10/18/74	10	1393	30.2	152.3		PGGG	
12434W	4611N	1961-18210	00000/0000	1-10036/0021	03/11/75	20	3401	32.7	141.3		FGGF	
12434W	4606N	1835-18262	00000/0000	1-10031/0991	11/05/74	80	1644	24.5	154.7		PPPP	
12434W	4555N	1781-18274	00000/0000	1-10030/0033	09/12/74	10	891	42.3	143.0		PPGG	
12437W	4601N	1925-18224	00000/0000	1-10034/0089	02/03/75	90	2899	21.0	146.7		GGGG	
12437W	4559N	1871-18245	00000/0000	1-10033/0312	12/11/74	40	2146	16.9	154.4		FFFF	
12437W	4555N	1889-18241	00000/0000	1-10033/0513	12/29/74	100	2397	16.0	152.3		GGGG	
12438W	4559N	1745-18291	00000/0000	1-10027/1382	08/07/74	70	389	52.0	131.7		GGGG	
12438W	4554N	1763-18283	00000/0000	1-10029/0385	08/25/74	50	640	47.6	137.1		GGPG	
12441W	4601N	1979-18201	00000/0000	1-10036/0511	03/29/75	70	3652	39.6	138.5		GGFG	
12442W	3725N	1797-18180	00000/0000	1-10030/0752	09/28/74	100	1114	42.9	140.6		PPPP	
12443W	4559N	5015-18182	00000/0000	1-10037/0653	05/04/75	80	4154	51.3	131.3		GGGG	
12444W	4149N	1816-18223	00000/0000	1-10030/1616	10/17/74	60	1379	33.8	149.4		PGGG	
12444W	4139N	1780-18232	00000/0000	1-10030/0052	09/11/74	0	877	45.2	138.5		GGP	
12445W	4157N	1960-18163	00000/0000	1-10035/1004	03/10/75	40	3387	35.0	138.3		GGGG	
12445W	4142N	1744-18244	00000/0000	1-10027/1306	08/06/74	10	375	54.2	125.3		PPG	
12446W	4149N	1852-18211	00000/0000	1-10032/0409	11/22/74	80	1881	23.6	153.4		PPPP	
12446W	4140N	1762-18240	00000/0000	1-10029/0400	08/24/74	60	626	50.1	131.7		GGGP	
12446W	3732N	1851-18164	00000/0000	1-10032/0360	11/21/74	40	1867	27.2	151.3		GGPP	
12446W	3731N	1815-18180	00000/0000	1-10031/0176	10/16/74	100	1365	37.3	146.2		GPGG	
12447W	4844N	1782-18324	00000/0000	1-10029/1205	09/13/74	0	905	40.0	145.9		GGGG	
12447W	4147N	1924-18181	00000/0000	1-10034/0071	02/02/75	60	2885	23.7	144.6		GGFF	
12447W	3724N	1779-18185	00000/0000	00000/0000	09/10/74	0	863	48.0	133.5		GGPP	
12448W	4853N	1854-18303	00000/0000	1-10032/0830	11/24/74	100	1909	17.4	156.7		FGGF	
12448W	4148N	5086-18095	00000/0000	00000/0000	07/14/75	80	5144	55.4	115.0		FFFG	
12449W	4854N	1818-18315	00000/0000	1-10031/0188	10/19/74	60	1407	27.7	154.2		GGGG	
12449W	4846N	1890-18290	00000/0000	1-10033/0495	12/30/74	0	2411	13.8	153.4		FFFG	
12449W	4140N	1888-18194	00000/0000	1-10033/0238	12/28/74	20	2383	19.3	150.7		GGFF	
12449W	3736N	1941-18125	00000/0000	1-10034/0523	02/19/75	90	3122	31.1	138.9		FFGG	
12449W	3731N	1833-18172	00000/0000	1-10031/0916	11/03/74	40	1616	31.9	149.8		PGGP	
12449W	3729N	1923-18134	00000/0000	1-10034/0082	02/01/75	70	2871	26.4	142.6		FFFG	
12449W	3727N	1761-18193	00000/0000	1-10029/0204	08/23/74	90	612	52.3	125.7		GGGG	
12449W	3721N	1743-18201	00000/0000	1-10027/1111	08/05/74	60	361	55.9	118.2		GGGG	
12450W	4855N	1836-18311	00000/0000	1-10031/1082	11/06/74	60	1658	22.0	156.3		GPGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

03:20 SFP 30,175

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0614

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	R	P	B	P
12450W	4855N	1944-18264	00000/0000	1-10035/0318	02/22/75	100	3164	24.7	145.5		GGGF					
12450W	3737N	1959-18121	00000/0000	1-10035/0944	03/09/75	50	3373	37.1	135.1		GGFG					
12450W	3725N	1887-18151	00000/0000	1-10033/0416	12/27/74	60	2369	22.5	149.0		FPFP					
12451W	4852N	1926-18273	00000/0000	1-10034/0127	02/04/75	90	2913	19.2	148.0		GGGG					
12451W	4848N	1872-18294	00000/0000	1-10032/1016	12/12/74	90	2160	14.5	155.6		PPFF					
12451W	3734N	1995-18102	00000/0000	1-10037/0248	04/14/75	30	3875	49.5	125.8		GGGG					
12451W	3728N	1869-18160	00000/0000	1-10032/0968	12/09/74	70	2118	23.9	150.9		PPFF					
12452W	4854N	1962-18255	00000/0000	1-10035/0114	03/12/75	70	3415	31.3	143.3		FFGF					
12452W	4148N	1978-18154	00000/0000	1-10037/0060	03/28/75	0	3638	41.7	134.7		FGFG					
12452W	3729N	1977-18112	00000/0000	1-10036/0362	03/27/75	50	3624	43.6	130.7		GGFG					
12453W	4843N	1764-18332	00000/0000	1-10029/0365	08/26/74	10	654	45.6	140.7		PGPG					
12453W	4142N	5050-18120	00000/0000	1-10038/0609	06/08/75	0	4642	57.7	115.8		FFGG					
12453W	3730N	5013-18093	00000/0000	1-10037/0703	05/02/75	50	4126	54.3	119.8		FGFF					
12453W	3727N	5049-18073	00000/0000	1-10038/0558	06/07/75	10	4628	58.4	108.5		FFFF					
12454W	4847N	1746-18340	00000/0000	1-10027/1458	08/08/74	10	403	50.3	135.8		GGGG					
12456W	4850N	1980-18250	00000/0000	1-10036/0537	03/30/75	30	3666	38.3	141.0		GGFG					
12458W	3722N	5031-18083	00000/0000	1-10038/0288	05/20/75	20	4377	57.4	113.3		GGGG					
12506W	4436N	1853-18260	00000/0000	1-10032/0610	11/23/74	90	1895	21.1	154.7		PPPP					
12507W	4440N	1817-18272	00000/0000	1-10030/1195	10/18/74	40	1393	31.3	151.4		PGGG					
12507W	4429N	1781-18281	00000/0000	1-10030/0034	09/12/74	0	891	43.2	141.6		GGPP					
12508W	4441N	1835-18264	00000/0000	1-10031/0992	11/05/74	80	1644	25.7	153.9		PPP					
12509W	4445N	1961-18212	00000/0000	1-10036/0022	03/11/75	80	3401	33.6	140.2		GGFG					
12511W	4430N	1889-18243	00000/0000	1-10033/0514	12/29/74	100	2397	17.1	151.7		FFPF					
12511W	4429N	1763-18285	00000/0000	1-10029/0386	08/25/74	60	640	48.4	135.5		GGGG					
12512W	4436N	1925-18230	00000/0000	1-10034/0090	02/03/75	90	2899	22.0	145.9		GGGG					
12512W	4435N	1871-18252	00000/0000	1-10033/0313	12/11/74	70	2146	18.0	153.8		FGG					
12512W	4434N	1745-18293	00000/0000	1-10027/1383	08/07/74	60	389	52.7	129.7		GGGG					
12514W	4023N	1816-18225	00000/0000	1-10030/1617	10/17/74	70	1379	34.9	148.4		GGGG					
12515W	4436N	1979-18204	00000/0000	1-10036/0512	03/29/75	50	3652	40.5	137.1		GGF					
12515W	4032N	1960-18170	00000/0000	1-10035/1005	03/10/75	30	3387	35.8	137.2		FFGF					
12515W	4017N	1744-18251	00000/0000	1-10027/1307	08/06/74	10	375	54.7	123.1		PP					
12516W	4023N	1852-18213	00000/0000	1-10032/0410	11/22/74	60	1881	24.7	152.7		PPPP					
12516W	3606N	1833-18175	00000/0000	1-10031/0917	11/03/74	60	1616	33.0	149.0		GGGP					
12516W	3601N	1761-18200	00000/0000	1-10029/0205	08/23/74	100	612	52.9	123.7		GGGG					
12517W	4022N	1924-18183	00000/0000	1-10034/0072	02/02/75	50	2885	24.7	143.9		FFFF					

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
12517W	4016N	1762-18243	00000/0000	1-10029/0401	08/24/74	70	626	50.8	129.9	PPPP	
12517W	3559N	1887-18154	00000/0000	1-10033/0417	12/27/74	70	2369	23.6	148.3	FFPP	
12518W	4022N	5086-18102	00000/0000	00000/0000	07/14/75	80	5144	55.7	112.6	FFFF	
12518W	4015N	1888-18201	00000/0000	1-10033/0239	12/28/74	20	2383	20.4	150.1	FGGF	
12522W	4022N	1978-18161	00000/0000	1-10037/0061	03/28/75	0	3638	42.5	133.3	GF+P	
12523W	4017N	5050-18122	00000/0000	1-10038/0610	06/08/75	0	4642	58.0	113.3	GFGG	
12524W	4719N	1782-18330	00000/0000	1-10029/1206	09/13/74	0	905	41.0	144.6	GGGG	
12525W	4728N	1854-18305	00000/0000	1-10032/0831	11/24/74	100	1909	18.5	156.0	FG+G	
12526W	4730N	1836-18313	00000/0000	1-10031/1083	11/06/74	70	1658	23.1	155.5	GP+G	
12526W	4729N	1944-18271	00000/0000	1-10035/0319	02/22/75	100	3164	25.7	144.6	GG+G	
12527W	4730N	1818-18321	00000/0000	1-10031/0189	10/19/74	90	1407	28.8	153.3	GGGG	
12527W	4728N	1926-18275	00000/0000	1-10034/0128	02/04/75	60	2913	20.2	147.3	FFGF	
12527W	4723N	1872-18301	00000/0000	1-10032/1017	12/12/74	60	2160	15.7	155.0	PF+G	
12527W	4722N	1890-18292	00000/0000	1-10033/0496	12/30/74	10	2411	14.9	152.8	FFFF	
12528W	4718N	1764-18334	00000/0000	1-10029/0366	08/26/74	30	654	46.5	139.1	PGPG	
12529W	4729N	1962-18262	00000/0000	1-10035/0115	03/12/75	60	3415	32.2	142.2	GG+G	
12530W	4721N	1746-18342	00000/0000	1-10027/1459	08/08/74	40	403	51.1	133.9	GGGG	
12530W	4720N	1908-18284	00000/0000	1-10033/0884	01/17/75	100	2662	16.5	150.1	FF+P	
12537W	5009N	1783-18375	00000/0000	1-10030/0788	09/14/74	20	919	38.7	147.5	GGPG	
12538W	4304N	1781-18283	00000/0000	1-10030/0035	09/12/74	0	891	44.1	140.2	GP+	
12539W	4314N	1817-18274	00000/0000	1-10030/1196	10/18/74	70	1393	32.4	150.5	PGPG	
12539W	4311N	1853-18262	00000/0000	1-10032/0611	11/23/74	90	1895	22.2	154.0	GP+G	
12540W	5008N	1765-18384	00000/0000	1-10029/0458	08/27/74	10	668	44.4	142.5	GP+G	
12541W	4320N	1961-18215	00000/0000	1-10036/0023	03/11/75	60	3401	34.5	139.2	GGGG	
12541W	4316N	1835-18271	00000/0000	1-10031/0993	11/05/74	90	1644	26.8	153.2	PPPP	
12542W	5009N	1909-18333	00000/0000	1-10033/0483	01/18/75	80	2676	14.5	151.2	FG+G	
12543W	4304N	1763-18292	00000/0000	1-10029/0387	08/25/74	60	640	49.1	133.8	GP+G	
12544W	4309N	1871-18254	00000/0000	1-10033/0314	12/11/74	90	2146	19.2	153.2	FF+P	
12544W	4308N	1745-18300	00000/0000	1-10027/1384	08/07/74	50	389	53.4	127.7	GGGG	
12544W	4305N	1889-18250	00000/0000	1-10033/0515	12/29/74	100	2397	18.2	151.1	FFFF	
12544W	3906N	1960-18172	00000/0000	1-10035/1006	03/10/75	40	3387	36.7	136.0	GGGF	
12544W	3858N	1816-18232	00000/0000	1-10030/1618	10/17/74	30	1379	35.9	147.5	GGGG	
12544W	3852N	1744-18253	00000/0000	1-10027/1308	08/06/74	10	375	55.2	120.9	PPG	
12544W	3849N	1780-18241	00000/0000	1-10030/0053	09/11/74	0	877	46.9	135.5	GGP	
12545W	4311N	1925-18233	00000/0000	1-10034/0091	02/03/75	90	2899	22.9	145.2	GGGG	

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OF POOR QUALITY

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER, ** = NO CLOUD DATA AVAILABLE.
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03:20 SEP 30, 1975

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0616

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
12546W	3857N	1924-18190	00000/0000	1-10034/0073	07/02/75	50	2885	25.6	143.2		FGGF					
12547W	3857N	5086-18104	00000/0000	00000/0000	07/14/75	100	5144	55.9	110.3		FFFF					
12547W	3851N	1762-18245	00000/0000	1-10029/0402	08/24/74	90	626	51.5	128.0		GGGG					
12548W	4311N	1979-18210	00000/0000	1-10036/0513	03/29/75	30	3652	41.3	135.8		FFFF					
12548W	4308N	5015-18191	00000/0000	1-10037/0654	05/04/75	100	4154	52.6	127.4		GGGF					
12551W	3857N	1978-18163	00000/0000	1-10037/0062	07/28/75	0	3638	43.2	131.9		FFFF					
12552W	3851N	5050-18125	00000/0000	1-10038/0611	06/08/75	0	4642	58.2	110.8		GGGG					
12559W	4554N	1782-18333	00000/0000	1-10029/1218	09/13/74	0	905	42.0	143.3		GGGP					
12600W	4603N	1854-18312	00000/0000	1-10032/0832	11/24/74	100	1909	19.7	155.3		GGGG					
12601W	4605N	1836-18320	00000/0000	1-10031/1067	11/06/74	90	1658	24.3	154.8		G GP					
12602W	4605N	1818-18324	00000/0000	1-10031/0190	10/19/74	90	1407	29.9	152.5		GGGP					
12602W	4605N	1944-18273	00000/0000	1-10035/0320	02/22/75	100	3164	26.6	143.7		GGGF					
12602W	4603N	1926-18282	00000/0000	1-10034/0129	02/04/75	70	2913	21.2	146.5		GGGG					
12602W	4557N	1890-18295	00000/0000	1-10033/0497	12/30/74	20	2411	16.0	152.2		FFFF					
12603W	4558N	1872-18303	00000/0000	1-10032/1018	12/12/74	50	2160	16.8	154.3		PPFG					
12604W	4604N	1962-18264	00000/0000	1-10035/0116	03/12/75	50	3415	33.1	141.1		GGFG					
12605W	4556N	1746-18345	00000/0000	1-10027/1460	08/08/74	90	403	51.8	132.0		GGGG					
12605W	4555N	1908-18290	00000/0000	1-10033/0885	01/17/75	100	2662	17.5	149.4		FFFF					
12611W	4855N	1855-18361	00000/0000	1-10032/0622	11/25/74	20	1923	17.1	156.7		GGGG					
12613W	4847N	1747-18394	00000/0000	1-10027/1514	08/09/74	20	417	50.1	136.1		PP P					
12615W	4846N	1891-18344	00000/0000	1-10033/0531	12/31/74	100	2425	13.8	153.3		GGGF					
12615W	4845N	1783-18382	00000/0000	1-10030/0789	09/14/74	20	919	39.7	146.2		GGPG					
12616W	4854N	1819-18373	00000/0000	1-10031/0219	10/20/74	30	1421	27.3	154.4		GGPG					
12617W	5430N	1857-18455	00000/0000	1-10032/0555	11/27/74	60	1951	12.1	159.3		GGGP					
12618W	4852N	1927-18331	00000/0000	1-10035/0074	02/05/75	20	2927	19.5	147.9		PPFG					
12618W	4842N	1765-18390	00000/0000	1-10029/0459	08/27/74	70	668	45.3	140.9		GGGG					
12619W	5422N	1785-18480	00000/0000	1-10030/0170	09/16/74	70	947	34.9	151.7		G PP					
12619W	4852N	1945-18322	00000/0000	1-10035/0201	02/23/75	100	3178	25.1	145.4		PPFG					
12620W	4844N	1909-18340	00000/0000	1-10033/0484	01/18/75	90	2676	15.6	150.6		FGFG					
12622W	5432N	1821-18472	00000/0000	1-10031/0403	10/22/74	100	1449	22.1	158.2		GGPG					
12622W	5430N	1947-18421	00000/0000	1-10035/0156	02/25/75	0	3206	21.9	148.9		GGGG					
12622W	5426N	1875-18451	00000/0000	1-10033/0048	12/15/74	100	2202	9.7	157.9		PPPF					
12623W	5421N	1767-18484	00000/0000	1-10029/0584	08/29/74	0	696	41.0	147.5		GGGG					
12623W	4849N	5017-18285	00000/0000	1-10037/0599	05/06/75	90	4182	50.4	134.7		PPFG					
12625W	5423N	1749-18493	00000/0000	1-10027/1639	08/11/74	90	445	46.2	143.6		GGGG					

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03:20 SEP 30, 1975

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0617

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS								
12626W	5425N	1731-18500	00000/0000	1-10027/0657	07/24/74	90	194	50.4	140.9		GGPG	
12704W	5548N	1930-18481	00000/0000	1-10035/0264	07/08/75	10	2969	15.3	151.5		GGGG	
12705W	5544N	1768-18540	00000/0000	1-10029/0545	08/30/74	10	710	39.7	149.2		PGPG	
12736W	5429N	1804-18531	00000/0000	1-10030/1046	10/05/74	90	1212	28.1	155.7		PGGP	
12742W	5433N	1840-18522	00000/0000	1-10031/1147	11/10/74	90	1714	16.1	159.5		PPP	
12743W	5421N	1786-18534	00000/0000	1-10030/0287	09/17/74	70	961	34.6	151.9		GGGG	
12745W	5432N	1822-18530	00000/0000	1-10031/0433	10/23/74	0	1463	21.8	158.3		GGGG	
12746W	5429N	1858-18513	00000/0000	1-10032/0569	11/28/74	100	1965	11.9	159.3		PPGG	
12746W	5423N	1876-18505	00000/0000	1-10033/0078	12/16/74	100	2216	9.6	157.8		FFGF	
12750W	5425N	1732-18555	00000/0000	1-10027/0701	07/25/74	90	208	50.2	141.0		GGPG	
12750W	5423N	1750-18551	00000/0000	1-10027/1240	08/12/74	30	459	46.0	143.8		GGGG	
12751W	5429N	1966-18470	00000/0000	1-10035/1092	03/16/75	20	3471	29.1	147.2		GFGG	
12752W	5424N	1930-18484	00000/0000	1-10035/0265	02/08/75	0	2969	16.3	150.6		FGGG	
12752W	5419N	1768-18543	00000/0000	1-10029/0546	08/30/74	10	710	40.7	147.7		PGPG	
12820W	5555N	1841-18573	00000/0000	1-10031/1162	11/11/74	60	1728	14.7	160.3		PPPP	
12821W	5559N	1823-18582	00000/0000	1-10031/0476	10/24/74	40	1477	20.2	159.3		GGGG	
12821W	5551N	1805-18583	00000/0000	1-10030/1069	10/06/74	90	1226	26.6	156.9		PPP	
12822W	5552N	1859-18565	00000/0000	1-10032/0584	11/29/74	90	1979	10.6	159.9		PPGP	
12824W	5546N	1787-18590	00000/0000	1-10030/0211	09/18/74	30	975	93.2	153.4		PPPP	
12828W	5553N	1949-18530	00000/0000	1-10035/0441	02/27/75	40	3234	21.6	149.7		GGGG	
12828W	5547N	1931-18535	00000/0000	1-10034/0246	02/09/75	70	2983	15.6	151.3		GGPG	
12830W	5549N	1733-19010	00000/0000	1-10027/0827	07/26/74	90	222	49.2	143.0		GGPG	
12830W	5543N	1769-18594	00000/0000	1-10029/0685	08/31/74	0	724	39.4	149.4		GGGG	
12855W	5719N	1842-19025	00000/0000	1-10031/1183	11/12/74	10	1742	13.3	161.2		GPG	
12856W	5717N	1806-19035	00000/0000	1-10031/0070	10/07/74	90	1240	25.1	158.1		PPPP	
12857W	5720N	1824-19033	00000/0000	1-10031/0528	10/25/74	10	1491	18.8	160.3		G GG	
12859W	5715N	1860-19021	00000/0000	1-10032/0645	11/30/74	20	1993	9.2	160.7		PG G	
12900W	5708N	1788-19041	00000/0000	1-10030/0348	09/19/74	100	989	31.8	154.8		GGGG	
12901W	5719N	1950-18582	00000/0000	1-10035/0335	02/28/75	0	3248	21.0	150.6		GGGG	
12905W	5709N	1932-18591	00000/0000	1-10034/0238	02/10/75	30	2997	14.9	152.1		GGGG	
12906W	5715N	1968-18573	00000/0000	1-10035/1114	03/18/75	60	3499	28.0	149.4		FGGG	
12906W	5714N	1734-19062	00000/0000	1-10027/0854	07/27/74	40	236	48.1	145.1		GGPG	
12908W	5706N	1752-19054	00000/0000	1-10027/1731	08/14/74	10	487	43.6	147.5		GGGG	
12908W	5706N	1770-19050	00000/0000	1-10029/0720	09/01/74	0	738	38.0	151.1		GGGG	
12908W	5431N	1841-18580	00000/0000	1-10031/1163	11/11/74	10	1728	15.9	159.5		PPPP	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
12909W	5427N	1805-18585	00000/0000	1-10030/1070	10/06/74	90	1226	27.7	155.8		PPP				
12910W	5435N	1823-18584	00000/0000	1-10031/0477	10/24/74	30	1477	21.4	158.4		PGGG				
12910W	5428N	1859-18572	00000/0000	1-10032/0585	11/29/74	90	1979	11.7	159.2		PPPP				
12911W	5422N	1787-18592	00000/0000	1-10030/0210	09/18/74	50	975	34.2	152.1		G GP				
12912W	5426N	1877-18563	00000/0000	1-10033/0093	12/17/74	100	2230	9.5	157.7		FFFF				
12915W	5423N	1931-18542	00000/0000	1-10034/0247	02/09/75	30	2983	16.6	150.5		FGFG				
12916W	5429N	1949-18533	00000/0000	1-10035/0442	02/27/75	60	3234	22.6	148.7		GFGG				
12917W	5419N	1769-19001	00000/0000	1-10029/0686	08/31/74	10	724	40.4	148.0		GGGG				
12918W	5426N	1733-19013	00000/0000	1-10027/0828	07/26/74	80	222	50.0	141.1		GGPG				
12927W	5840N	1807-19090	00000/0000	1-10031/0097	10/08/74	70	1254	23.6	159.4		GGPG				
12931W	5843N	1825-19085	00000/0000	1-10031/0886	10/26/74	90	1505	17.3	161.3		PGGG				
12933W	5846N	1969-19025	00000/0000	1-10039/0001	03/19/75	10	3513	27.3	150.7		GGGG				
12933W	5832N	1789-19093	00000/0000	1-10030/0363	09/20/74	20	1003	30.3	156.3		GGGG				
12937W	5829N	1771-19102	00000/0000	1-10031/0001	09/02/74	10	752	36.7	152.7		P P				
12938W	5837N	1735-19114	00000/0000	1-10027/0876	07/28/74	60	250	46.9	147.1		GG G				
12940W	5834N	1933-19043	00000/0000	1-10034/0336	02/11/75	0	3011	14.1	153.0		GGGG				
12945W	5828N	1753-19110	00000/0000	1-10027/1765	08/15/74	60	501	42.4	149.4		GGGG				
12947W	5556N	1824-19040	00000/0000	1-10031/0529	10/25/74	0	1491	19.9	159.4		G GG				
12947W	5555N	1842-19032	00000/0000	1-10031/1184	11/12/74	0	1742	14.4	160.4		GPG				
12947W	5552N	1806-19041	00000/0000	1-10031/0071	10/07/74	90	1240	26.2	157.0		PPPP				
12950W	5551N	1860-19023	00000/0000	1-10032/0646	11/30/74	30	1993	10.4	159.9		PGGG				
12950W	5544N	1788-19044	00000/0000	1-10030/0349	09/19/74	50	989	32.8	153.6		PPGG				
12952W	5555N	1950-18584	00000/0000	1-10035/0336	02/28/75	0	3248	22.0	149.6		FGGG				
12955W	6004N	1808-19142	00000/0000	1-10031/0129	10/09/74	10	1268	22.1	160.6		GGGG				
12956W	6006N	1826-19141	00000/0000	1-10031/0797	10/27/74	90	1519	15.8	162.4		PGGP				
12956W	5545N	1932-18593	00000/0000	1-10034/0239	02/10/75	20	2997	15.9	151.2		GGGG				
12957W	5552N	1968-18580	00000/0000	1-10035/1115	03/18/75	60	3499	29.0	148.2		GFGG				
12957W	5549N	1734-19065	00000/0000	1-10027/0855	07/27/74	30	236	48.9	143.1		GGGG				
12958W	5543N	1752-19061	00000/0000	1-10027/1732	08/14/74	10	487	44.5	145.8		PGGG				
12958W	5542N	1770-19053	00000/0000	1-10029/0721	09/01/74	0	738	39.0	149.6		GGGG				
13001W	5954N	1790-19145	00000/0000	1-10030/0584	09/21/74	30	1017	28.9	157.7		GPPG				
13003W	6010N	1970-19080	00000/0000	1-10037/0014	03/20/75	10	3527	26.7	152.0		FGGG				
13003W	6001N	1736-19165	00000/0000	1-10027/0908	07/29/74	40	264	45.8	149.1		GPPG				
13006W	6004N	1934-19094	00000/0000	1-10035/0108	02/12/75	70	3025	13.3	153.9		FFG				
13008W	5950N	1772-19153	00000/0000	1-10029/0798	09/03/74	10	766	35.3	154.4		GPGG				

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
13020W	5717N	1807-19093	00000/0000	1-10031/0098	10/08/74	80	1254	24.7	158.3		GGPG	
13025W	5720N	1825-19092	00000/0000	1-10031/0887	10/26/74	90	1505	18.4	160.4		GPGP	
13025W	5719N	1843-19083	00000/0000	1-10032/0090	11/13/74	90	1756	13.0	161.2		GGPP	
13026W	5713N	1861-19075	00000/0000	1-10032/0668	12/01/74	90	2007	9.1	160.6		P	
13027W	5722N	1969-19031	00000/0000	1-10039/0002	03/19/75	60	3513	28.3	149.5		GGGG	
13027W	5709N	1789-19100	00000/0000	1-10030/0364	09/20/74	10	1003	31.4	155.0		GGGG	
13030W	5706N	1771-19104	00000/0000	1-10031/0002	09/02/74	10	752	37.7	151.3		PGPG	
13032W	5714N	1735-19120	00000/0000	1-10027/0877	07/28/74	30	250	47.8	145.2		GGPG	
13034W	5710N	1933-19045	00000/0000	1-10034/0337	02/11/75	30	3011	15.1	152.0		GGPG	
13035W	5432N	1824-19042	00000/0000	1-10031/0530	10/25/74	10	1491	21.1	158.5		P GP	
13035W	5429N	1806-19044	00000/0000	1-10031/0072	10/07/74	100	1240	27.4	156.0		GPPP	
13036W	5431N	1842-19034	00000/0000	1-10031/1185	11/12/74	0	1742	15.6	159.6		GPP	
13038W	5705N	1753-19112	00000/0000	1-10027/1766	08/15/74	40	501	43.3	147.7		GGGG	
13038W	5428N	1860-19030	00000/0000	1-10032/0647	11/30/74	70	1993	11.6	159.1		GPP	
13038W	5420N	1788-19050	00000/0000	1-10030/0350	09/19/74	10	989	33.9	152.3		PGGG	
13040W	5431N	1950-18591	00000/0000	1-10035/0337	02/28/75	10	3248	23.0	148.6		GGPG	
13044W	5428N	1968-18582	00000/0000	1-10035/1116	03/18/75	70	3499	29.9	147.1		GGGG	
13044W	5424N	1734-19071	00000/0000	1-10027/0856	07/27/74	10	236	49.8	141.2		GGPG	
13044W	5421N	1932-19000	00000/0000	1-10034/0240	02/10/75	30	2997	16.9	150.3		GGGG	
13045W	5418N	1770-19055	00000/0000	1-10029/0722	09/01/74	30	738	40.0	148.2		GGGP	
13046W	5419N	1752-19063	00000/0000	1-10027/1733	08/14/74	50	487	45.5	144.2		GGGG	
13053W	5841N	1808-19145	00000/0000	1-10031/0130	10/09/74	10	1268	23.2	159.5		GPPG	
13054W	5843N	1826-19143	00000/0000	1-10031/0798	10/27/74	90	1519	16.9	161.4		PPPP	
13055W	5842N	1844-19135	00000/0000	1-10032/0123	11/14/74	100	1770	11.5	162.0		G G	
13059W	5831N	1790-19151	00000/0000	1-10030/0585	09/21/74	30	1017	30.0	156.4		GPGG	
13101W	5847N	1970-19083	00000/0000	1-10037/0015	03/20/75	30	3527	27.7	150.7		GGGG	
13101W	5838N	1736-19172	00000/0000	1-10027/0909	07/29/74	40	264	46.7	147.2		GPPG	
13104W	5841N	1934-19101	00000/0000	1-10035/0109	02/12/75	30	3025	14.4	152.9		FFGG	
13106W	5827N	1772-19160	00000/0000	1-10029/0799	09/03/74	0	766	36.4	152.9		PGGG	
13111W	5828N	1754-19164	00000/0000	1-10027/1734	08/16/74	20	515	42.1	149.5		GPGG	
13111W	5553N	1807-19095	00000/0000	1-10031/0099	10/08/74	80	1254	25.9	157.2		GGGG	
13116W	5556N	1843-19090	00000/0000	1-10032/0091	11/13/74	70	1756	14.2	160.4		GGGG	
13117W	5556N	1825-19094	00000/0000	1-10031/0888	10/26/74	100	1505	19.6	159.5		GPPG	
13117W	5546N	1789-19102	00000/0000	1-10030/0365	09/20/74	10	1003	32.5	153.8		GPGG	
13118W	5558N	1969-19034	00000/0000	1-10039/0003	03/19/75	90	3513	29.3	148.2		FFGF	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
13118W 5550N	1861-19081	00000/0000	1-10032/0669	12/01/74	100	2007	10.2	159.8		P	
13119W 6006N	1809-19201	00000/0000	1-10030/1232	10/10/74	20	1282	21.7	160.8		PPPP	
13121W 5543N	1771-19111	00000/0000	1-10031/0003	09/02/74	10	752	98.7	149.8		PPPG	
13122W 5550N	1735-19123	00000/0000	1-10027/0878	07/28/74	20	250	48.7	143.3		GGPG	
13123W 6006N	1827-19195	00000/0000	1-10031/0036	10/28/74	10	1533	15.4	162.5		PGGP	
13124W 6005N	1935-19152	00000/0000	1-10034/0357	02/13/75	70	3039	13.6	153.9		GGPF	
13125W 5547N	1933-19062	00000/0000	1-10034/0338	02/11/75	10	3011	16.2	151.1		GGGG	
13128W 6005N	1953-19143	00000/0000	1-10035/0524	03/03/75	80	3290	20.1	152.6		FFGF	
13128W 5541N	1753-19115	00000/0000	1-10027/1767	08/15/74	20	501	44.3	146.0		GGGG	
13129W 6009N	1971-19134	00000/0000	1-10036/0215	03/21/75	0	3541	27.1	151.9		GGFP	
13129W 5954N	1773-19212	00000/0000	1-10029/0835	09/04/74	100	780	34.9	154.6		G G	
13130W 5952N	1791-19203	00000/0000	1-10030/0452	09/22/74	10	1031	28.5	157.8		GGGG	
13135W 5957N	1737-19224	00000/0000	1-10027/0940	07/30/74	80	278	45.6	149.1		GGPG	
13139W 5952N	1755-19220	00000/0000	1-10028/0029	08/17/74	50	529	40.8	151.4		GGGG	
13140W 6126N	1810-19253	00000/0000	1-10030/1253	10/11/74	100	1296	20.2	162.0		G G	
13145W 6126N	1828-19251	00000/0000	1-10031/0660	10/29/74	10	1547	13.9	163.6		PPGG	
13148W 5718N	1808-19151	00000/0000	1-10031/0131	10/09/74	10	1268	24.4	158.4		GGPG	
13149W 6126N	1936-19204	00000/0000	1-10034/0388	02/14/75	60	3053	12.9	154.8		FGFF	
13149W 5719N	1826-19150	00000/0000	1-10031/0799	10/27/74	90	1519	18.1	160.5		PPPP	
13150W 6117N	1792-19255	00000/0000	1-10030/0547	09/23/74	#0	1045	27.0	159.3		GGGG	
13150W 5718N	1844-19141	00000/0000	1-10032/0124	11/14/74	100	1770	12.7	161.2		G G	
13153W 6124N	1738-19275	00000/0000	1-10027/0995	07/31/74	90	292	44.3	151.2		GGPG	
13153W 6115N	1774-19263	00000/0000	1-10029/0883	09/05/74	40	794	33.5	156.2		GGGG	
13153W 5714N	1862-19133	00000/0000	1-10032/0671	12/02/74	20	2021	8.9	160.5		PGGG	
13153W 5708N	1790-19154	00000/0000	1-10030/0586	09/21/74	0	1017	31.0	155.2		GGGG	
13155W 6126N	1954-19195	00000/0000	1-10035/0612	03/04/75	#0	3304	19.5	153.8		FGPG	
13155W 5723N	1970-19085	00000/0000	1-10037/0016	03/20/75	60	3527	28.7	149.4		GGGG	
13156W 5715N	1736-19174	00000/0000	1-10027/0910	07/29/74	70	264	47.6	145.3		GGPG	
13158W 6253N	1829-19302	00000/0000	1-10031/0692	10/30/74	100	1561	12.4	164.8		PGPP	
13158W 5718N	1934-19103	00000/0000	1-10035/0110	02/12/75	10	3025	15.4	152.0		FGFG	
13159W 5430N	1807-19102	00000/0000	1-10031/0100	10/08/74	60	1254	27.0	156.2		GGGG	
13200W 5703N	1772-19162	00000/0000	1-10029/0800	09/03/74	0	766	37.4	151.5		GGGG	
13201W 6250N	1811-19305	00000/0000	1-10030/1336	10/12/74	100	1310	18.6	163.4		PPPP	
13201W 6115N	1756-19272	00000/0000	1-10027/1801	08/18/74	70	543	39.5	153.2		GGGG	
13204W 5704N	1754-19171	00000/0000	1-10027/1735	08/16/74	10	515	43.0	147.9		GGGG	

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT		RBV	MSS								B	P	P	B	P
13204W	5432N	1825-19101	00000/0000	1-10031/0889	10/26/74	90	1505	20.8	158.6		PPPP					
13205W	5432N	1843-19092	00000/0000	1-10032/0092	11/13/74	80	1756	15.4	159.6		GGGG					
13205W	5426N	1861-19084	00000/0000	1-10032/0670	12/01/74	90	2007	11.4	159.1		P					
13205W	5422N	1789-19105	00000/0000	1-10030/0366	09/20/74	0	1003	33.5	152.6		GPGG					
13206W	6256N	1955-19251	00000/0000	1-10035/0668	03/05/75	70	3318	18.7	155.1		GGGG					
13207W	6252N	1937-19255	00000/0000	1-10034/0219	02/15/75	80	3067	12.2	155.9		GFGG					
13207W	5434N	1969-19040	00000/0000	1-10039/0004	03/19/75	50	3513	30.3	147.1		FGFG					
13208W	5419N	1771-19113	00000/0000	1-10031/0004	09/02/74	30	752	39.7	148.4		PPPG					
13209W	6237N	1793-19310	00000/0000	1-10030/0610	09/24/74	80	1059	25.5	160.8		GPP					
13210W	5426N	1735-19125	00000/0000	1-10027/0879	07/28/74	30	250	49.6	141.4		G					
13213W	5423N	1933-19054	00000/0000	1-10034/0339	02/11/75	40	3011	17.2	150.2		GFFF					
13215W	6238N	1775-19315	00000/0000	1-10029/0978	09/06/74	20	808	32.1	157.9		G G					
13215W	5418N	1753-19121	00000/0000	1-10027/1768	08/15/74	70	501	45.2	144.4		GGGG					
13217W	5843N	1809-19203	00000/0000	1-10030/1233	10/10/74	70	1282	22.8	159.7		PPPP					
13220W	6237N	1757-19323	00000/0000	1-10029/0341	08/19/74	100	557	38.2	155.1		GPGG					
13222W	5843N	1827-19201	00000/0000	1-10031/0037	10/28/74	90	1533	16.6	161.5		GPP					
13223W	5843N	1935-19155	00000/0000	1-10034/0358	02/13/75	90	3039	14.7	152.9		GFGG					
13224W	5841N	1845-19193	00000/0000	1-10032/0134	11/15/74	70	1784	11.3	162.0		PG G					
13226W	5842N	1953-19150	00000/0000	1-10035/0525	03/03/75	80	3290	21.1	151.5		FFGF					
13226W	5831N	1773-19214	00000/0000	1-10029/0851	09/04/74	100	780	36.0	153.1		GPG					
13227W	5846N	1971-19141	00000/0000	1-10036/0216	03/21/75	0	3541	28.1	150.6		GGFP					
13227W	5830N	1791-19205	00000/0000	1-10030/0453	09/22/74	0	1031	29.6	156.6		GPGG					
13232W	5834N	1737-19230	00000/0000	1-10027/0941	07/30/74	100	278	46.5	147.2		GGPP					
13236W	5829N	1755-19222	00000/0000	1-10028/0030	08/17/74	10	529	41.8	149.7		GGGG					
13238W	5555N	1808-19154	00000/0000	1-10031/0132	10/09/74	40	1268	25.5	157.4		GGPP					
13241W	5555N	1826-19152	00000/0000	1-10031/0800	10/27/74	70	1519	19.3	159.5		GPGP					
13242W	5554N	1844-19144	00000/0000	1-10032/0125	11/14/74	10	1770	13.9	160.4		G G					
13243W	6003N	1810-19255	00000/0000	1-10030/1254	10/11/74	90	1296	21.3	160.9		P P					
13244W	5550N	1862-19140	00000/0000	1-10032/0672	12/02/74	50	2021	10.1	159.7		PFFG					
13244W	5545N	1790-19160	00000/0000	1-10030/0587	09/21/74	0	1017	32.1	154.0		GPGG					
13246W	5559N	1970-19092	00000/0000	1-10037/0017	03/20/75	70	3527	29.7	148.2		GGFG					
13247W	5550N	1736-19181	00000/0000	1-10027/0911	07/29/74	30	264	48.5	143.4		G					
13248W	6003N	1828-19253	00000/0000	1-10031/0658	10/29/74	20	1547	15.1	162.5		P PP					
13249W	5554N	1934-19110	00000/0000	1-10035/0111	02/12/75	30	3025	16.4	151.1		FGG					
13250W	5540N	1772-19165	00000/0000	1-10029/0801	09/03/74	20	766	38.4	150.0		GPGG					

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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P
LONG	LAT		RBV	MSS						123	45678	C C D D
13252W	6004N	1936-19210	00000/0000	1-10034/0389	07/14/75	100	3053	14.0	153.8		GF	GF
13252W	5954N	1792-19261	00000/0000	1-10030/0548	09/23/74	20	1045	28.1	158.0		PP	PP
13254W	5541N	1754-19173	00000/0000	1-10027/1736	08/16/74	40	515	44.0	146.2		GP	GP
13255W	5953N	1774-19270	00000/0000	1-10029/0884	09/05/74	20	794	34.6	154.8		GP	GP
13256W	6008N	1972-19193	00000/0000	1-10036/0198	03/22/75	40	3555	27.5	151.9		GG	GG
13256W	6001N	1738-19282	00000/0000	1-10027/0996	07/31/74	90	292	45.3	149.3		GG	GP
13258W	6003N	1954-19202	00000/0000	1-10035/0613	03/04/75	0	3304	20.5	152.6		GG	GP
13302W	5952N	1756-19274	00000/0000	1-10027/1802	08/18/74	70	543	40.5	151.6		GG	GG
13307W	6130N	1829-19305	00000/0000	1-10031/0693	10/30/74	100	1561	13.6	163.7		PG	
13309W	6128N	1811-19311	00000/0000	1-10030/1337	10/12/74	90	1310	19.8	162.2		PP	GP
13312W	5720N	1809-19210	00000/0000	1-10030/1234	10/10/74	60	1282	24.0	158.6		GP	PP
13314W	6134N	1955-19253	00000/0000	1-10035/0669	03/05/75	80	3318	19.7	153.9		GG	GG
13316W	6129N	1937-19262	00000/0000	1-10034/0220	07/15/75	30	3067	13.2	154.8		GG	GF
13316W	6115N	1793-19313	00000/0000	1-10030/0611	09/24/74	70	1059	26.7	159.5		PP	PP
13316W	5719N	1827-19204	00000/0000	1-10031/0038	10/28/74	100	1533	17.8	160.5		GP	
13317W	5720N	1935-19161	00000/0000	1-10034/0359	02/13/75	90	3039	15.7	151.9		GF	GG
13317W	5716N	1863-19191	00000/0000	1-10032/0797	12/03/74	60	2035	8.7	160.5		PP	PP
13319W	5718N	1845-19200	00000/0000	1-10032/0135	11/15/74	80	1784	12.5	161.2		PG	G
13320W	5718N	1953-19152	00000/0000	1-10035/0526	03/03/75	70	3290	22.1	150.4		GF	FG
13320W	5708N	1773-19221	00000/0000	1-10029/0852	09/04/74	100	780	37.0	151.7		GG	GG
13321W	6116N	1775-19321	00000/0000	1-10029/0991	09/06/74	30	808	33.2	156.4		PP	PP
13321W	5707N	1791-19212	00000/0000	1-10030/0454	09/22/74	30	1031	30.7	155.3		GP	GG
13322W	6251N	1812-19363	00000/0000	1-10030/1411	10/13/74	30	1324	18.3	163.5		GP	GG
13322W	5722N	1971-19143	00000/0000	1-10036/0217	03/21/75	0	3541	29.1	149.3		FG	GP
13326W	6115N	1757-19330	00000/0000	1-10029/0342	08/19/74	100	557	39.2	153.4		GP	GG
13326W	5711N	1737-19233	00000/0000	1-10027/0942	07/30/74	90	278	47.4	145.3		GP	
13326W	5431N	1808-19160	00000/0000	1-10031/0133	10/09/74	40	1268	26.6	156.4		GG	GP
13329W	6252N	1830-19360	00000/0000	1-10031/0732	10/31/74	90	1575	12.0	164.8		GG	GG
13329W	5705N	1755-19225	00000/0000	1-10028/0031	08/17/74	90	529	42.7	148.1		GG	GG
13330W	6242N	1794-19364	00000/0000	1-10030/0644	09/25/74	100	1073	25.1	161.1		PP	
13330W	5431N	1826-19155	00000/0000	1-10031/0801	10/27/74	50	1519	20.4	158.7		GP	GP
13331W	5430N	1844-19150	00000/0000	1-10032/0126	11/14/74	60	1770	15.1	159.6		PG	GP
13331W	5426N	1862-19142	00000/0000	1-10032/0673	12/02/74	90	2021	11.3	159.0		PP	
13331W	5420N	1790-19163	00000/0000	1-10030/0588	09/21/74	0	1017	33.2	152.8		GG	GP
13334W	6414N	1813-19415	00000/0000	1-10030/1464	10/14/74	100	1338	16.7	164.9		GP	GP

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COORDINATE LISTING WITH PRODUCT DATA
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FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
13334W 5435N	1970-19094	00000/0000	1-10037/0018	03/20/75	40	3527	30.7	147.0		FGGF	
13335W 5426N	1736-19183	00000/0000	1-10027/0894	07/29/74	30	264	49.4	141.5		G PG	
13337W 5429N	1934-19112	00000/0000	1-10035/0112	02/12/75	60	3025	17.4	150.2		FGFG	
13337W 5416N	1772-19171	00000/0000	1-10029/0802	09/03/74	70	766	39.4	148.6		GPGP	
13340W 5419N	1754-19180	00000/0000	1-10027/1737	08/16/74	70	515	44.9	144.6		GPGG	
13341W 6406N	1795-19420	00000/0000	1-10030/0666	09/26/74	40	1087	23.6	162.6		PGGP	
13341W 5841N	1810-19262	00000/0000	1-10030/1255	10/11/74	90	1296	22.5	159.8		P GP	
13343W 6417N	1957-19360	00000/0000	1-10035/0737	03/07/75	0	3346	18.4	156.5		GGGG	
13343W 6413N	1831-19412	00000/0000	1-10031/0771	11/01/74	70	1589	10.5	166.0		GPFP	
13343W 6243N	1740-19385	00000/0000	1-10027/1136	08/02/74	60	320	42.9	153.2		GG G	
13347W 6239N	1758-19381	00000/0000	1-10029/0083	08/20/74	100	571	37.8	155.3		GPGG	
13347W 5840N	1828-19260	00000/0000	1-10031/0663	10/29/74	50	1547	16.3	161.6		P	
13348W 6241N	5010-19281	00000/0000	1-10038/0031	04/29/75	60	4085	39.6	153.3		GGFG	
13351W 5841N	1936-19213	00000/0000	1-10034/0390	02/14/75	100	3053	15.0	152.8		FPGG	
13351W 5831N	1792-19264	00000/0000	1-10030/0545	09/23/74	70	1045	29.2	156.8		P GG	
13353W 5840N	1846-19251	00000/0000	1-10032/0697	11/16/74	30	1798	11.0	162.0		GG G	
13353W 5838N	1738-19284	00000/0000	1-10027/0997	07/31/74	10	292	46.2	147.4		GGP	
13353W 5830N	1774-19272	00000/0000	1-10029/0885	09/05/74	100	794	35.6	153.3		GGGG	
13355W 6358N	1777-19425	00000/0000	1-10029/1059	09/08/74	10	836	30.3	159.8		PGGP	
13356W 5840N	1954-19204	00000/0000	1-10035/0614	03/04/75	10	3304	21.5	151.4		GFPG	
13357W 6405N	1741-19441	00000/0000	1-10027/1176	08/03/74	80	334	41.6	155.3		GGGG	
13359W 5830N	1756-19281	00000/0000	1-10027/1803	08/18/74	40	543	41.5	149.9		GGGG	
13400W 6402N	1759-19433	00000/0000	1-10029/0107	08/21/74	80	585	36.4	157.2		GPGG	
13401W 6527N	1742-19493	00000/0000	1-10027/1241	08/04/74	90	348	40.3	157.4		GGGP	
13402W 6518N	1778-19481	00000/0000	1-10029/1093	09/09/74	0	850	28.9	161.6		GGGG	
13403W 6529N	5012-19384	00000/0000	1-10038/0119	05/01/75	0	4113	38.1	157.1		GGGG	
13403W 5556N	1809-19212	00000/0000	1-10030/1235	10/10/74	40	1282	25.1	157.6		GPFP	
13404W 6523N	1760-19485	00000/0000	1-10029/0128	08/22/74	50	599	35.1	159.2		GGGG	
13407W 5555N	1827-19210	00000/0000	1-10031/0039	10/28/74	90	1533	19.0	159.6		GGG	
13408W 5556N	1935-19164	00000/0000	1-10034/0360	02/13/75	100	3039	16.7	151.0		GGGF	
13408W 5552N	1863-19194	00000/0000	1-10032/0806	12/03/74	60	2035	9.9	159.7		P	
13410W 5555N	1845-19202	00000/0000	1-10032/0136	11/15/74	70	1784	13.7	160.4		PG G	
13411W 6007N	1829-19311	00000/0000	1-10031/0694	10/30/74	100	1561	14.7	162.6		GPFG	
13411W 6006N	1811-19314	00000/0000	1-10030/1338	10/12/74	90	1310	21.0	161.0		PPPP	
13411W 5555N	1953-19155	00000/0000	1-10035/0527	03/03/75	80	3290	23.1	149.3		GGFF	

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
13411W	5544N	1773-19223	00000/0000	1-10029/0836	09/04/74	90	780	38.0	150.3		G GP					
13411W	5543N	1791-19214	00000/0000	1-10030/0455	09/22/74	70	1031	31.8	154.2		GP GG					
13411W	5307N	1808-19163	00000/0000	1-10031/0134	10/09/74	80	1268	27.7	155.4		PG GG					
13413W	5558N	1971-19150	00000/0000	1-10036/0218	03/21/75	10	3541	30.1	148.1		FF GP					
13415W	5307N	1826-19161	00000/0000	1-10031/0802	10/27/74	70	1519	21.6	157.8		GG GP					
13416W	5547N	1737-19235	00000/0000	1-10027/0943	07/30/74	60	278	48.3	143.5		GPP					
13417W	6011N	1955-19260	00000/0000	1-10035/0670	03/05/75	50	3318	20.8	152.6		GG GG					
13417W	5305N	1844-19153	00000/0000	1-10032/0127	11/14/74	50	1770	16.3	158.8		PG PG					
13418W	6007N	1937-19264	00000/0000	1-10034/0221	02/15/75	80	3067	14.3	153.7		GG GG					
13418W	6002N	1847-19303	00000/0000	1-10032/0378	11/17/74	100	1812	9.6	162.9		PPP					
13419W	5953N	1793-19315	00000/0000	1-10030/0612	09/24/74	60	1059	27.8	158.2		GPPP					
13419W	5542N	1755-19231	00000/0000	1-10028/0032	08/17/74	90	529	43.7	146.4		GG GG					
13419W	5311N	1970-19101	00000/0000	1-10037/0019	03/20/75	50	3527	31.6	145.8		FF GG					
13421W	5306N	1934-19115	00000/0000	1-10035/0113	02/12/75	70	3025	18.5	149.3		FG GF					
13423W	5953N	1775-19324	00000/0000	1-10029/0992	09/06/74	10	808	34.3	154.9		PPPP					
13427W	5953N	1757-19332	00000/0000	1-10029/0340	08/19/74	100	557	40.2	151.7		P GG					
13430W	6129N	1812-19370	00000/0000	1-10030/1412	10/13/74	80	1324	19.4	162.3		GPPP					
13434W	6137N	1956-19311	00000/0000	1-10035/0690	03/06/75	90	3332	20.1	153.8		FFPG					
13436W	5717N	1810-19264	00000/0000	1-10030/1256	10/11/74	90	1296	23.6	158.7		P PP					
13437W	6130N	1830-19363	00000/0000	1-10031/0733	10/31/74	90	1575	13.2	163.7		GG GG					
13438W	6120N	1794-19371	00000/0000	1-10030/0645	09/25/74	100	1073	26.2	159.7		PPP					
13442W	5717N	1828-19262	00000/0000	1-10031/0664	10/29/74	70	1547	17.5	160.6		P					
13443W	5714N	1864-19245	00000/0000	1-10032/0800	12/04/74	100	2049	8.6	160.4		PPPP					
13444W	5708N	1792-19270	00000/0000	1-10030/0551	09/23/74	50	1045	30.3	155.6		GG					
13445W	5718N	1936-19215	00000/0000	1-10034/0391	02/14/75	100	3053	16.0	151.8		GP GG					
13446W	5714N	1738-19291	00000/0000	1-10027/0998	07/31/74	10	292	47.1	145.5		GGG					
13447W	5707N	1774-19275	00000/0000	1-10029/0886	09/05/74	100	794	36.7	151.9		GP GG					
13448W	5722N	1972-19202	00000/0000	1-10036/0199	03/22/75	100	3555	29.5	149.3		GG FG					
13448W	5716N	1846-19254	00000/0000	1-10032/0698	11/16/74	20	1798	12.2	161.2		PG PG					
13449W	6252N	1813-19421	00000/0000	1-10030/1465	10/14/74	90	1338	17.9	163.6		GP GP					
13450W	5717N	1954-19211	00000/0000	1-10035/0615	03/04/75	50	3304	22.5	150.3		GGPF					
13451W	6120N	1740-19392	00000/0000	1-10027/1137	08/02/74	30	320	43.9	151.3		GG G					
13451W	5433N	1809-19215	00000/0000	1-10030/1236	10/10/74	20	1282	26.3	156.5		GPPP					
13453W	5706N	1756-19283	00000/0000	1-10027/1804	08/18/74	60	543	42.4	148.3		GG GG					
13454W	6117N	1758-19384	00000/0000	1-10029/0084	08/20/74	80	571	38.8	153.6		GP GG					

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ERTS-1
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STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0625

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE	QUALITY	PRODUCTS			
LONG	LAT									RBV	MSS	123	45678	B	P
13455W	6244N	1795-19422	00000/0000	1-10030/0667	09/26/74	90	1087	24.7	161.2		PGG				
13455W	6120N	5010-19284	00000/0000	1-10038/0032	04/29/75	70	4085	40.6	151.5		GGFG				
13455W	5432N	1827-19213	00000/0000	1-10031/0040	10/28/74	20	1533	20.1	158.7		PGGG				
13455W	5429N	1863-19200	00000/0000	1-10032/0798	12/03/74	90	2035	11.1	159.0		PPPP				
13456W	5433N	1935-19170	00000/0000	1-10034/0361	02/13/75	100	3039	17.7	150.1		GGGF				
13456W	5423N	1881-19192	00000/0000	1-10033/0221	12/21/74	40	2286	9.4	157.2		GGFF				
13457W	6256N	1957-19363	00000/0000	1-10035/0738	03/07/75	10	3346	19.5	155.1		FGUG				
13458W	6415N	1814-19473	00000/0000	1-10030/1532	10/15/74	90	1352	16.3	165.0		GGGP				
13458W	6251N	1831-19415	00000/0000	1-10031/0772	11/01/74	90	1589	11.7	164.9		GGP				
13458W	5431N	1953-19161	00000/0000	1-10035/0528	03/03/75	80	3290	24.1	148.3		GFGG				
13458W	5430N	1845-19205	00000/0000	1-10032/0137	11/15/74	60	1784	14.8	159.6		PGGG				
13458W	5420N	1773-19230	00000/0000	1-10029/0853	09/04/74	60	780	39.0	148.9		GPGP				
13459W	5420N	1791-19221	00000/0000	1-10030/0447	09/22/74	100	1031	32.9	153.0		G GG				
13501W	5433N	1971-19152	00000/0000	1-10036/0219	03/21/75	50	3541	31.1	146.9		FFFF				
13503W	5423N	1737-19242	00000/0000	1-10027/0944	07/30/74	90	278	49.2	141.6		GGPG				
13504W	5419N	1899-19184	00000/0000	1-10033/0811	01/08/75	90	2537	10.0	154.7		GGGF				
13505W	5419N	1755-19234	00000/0000	1-10028/0033	08/17/74	90	529	44.6	144.8		GPPG				
13506W	6652N	1816-19581	00000/0000	1-10030/1505	10/17/74	90	1380	13.3	168.0		GGPG				
13506W	6413N	1832-19470	00000/0000	1-10031/0852	11/02/74	50	1603	10.2	166.1		PPGP				
13508W	6236N	1777-19431	00000/0000	1-10029/1060	09/08/74	10	836	31.4	158.2		PGGP				
13509W	6538N	1833-19522	00000/0000	1-10031/0939	11/03/74	90	1617	8.7	167.4		PPP				
13509W	6530N	1815-19525	00000/0000	1-10030/1555	10/16/74	80	1366	14.9	166.4		GPGG				
13509W	5843N	1811-19320	00000/0000	1-10030/1339	10/12/74	80	1310	22.1	159.9		PPPP				
13510W	6405N	1796-19474	00000/0000	1-10030/0806	09/27/74	0	1101	23.2	162.8		P PG				
13510W	5845N	1829-19314	00000/0000	1-10031/0695	10/30/74	100	1561	15.9	161.6		PGPP				
13511W	6244N	1741-19444	00000/0000	1-10027/1177	08/03/74	90	334	42.6	153.3		GGGG				
13511W	6240N	1759-19440	00000/0000	1-10029/0105	08/21/74	100	585	37.5	155.5		G PG				
13515W	5848N	1955-19262	00000/0000	1-10035/0671	03/05/75	70	3318	21.8	151.5		GGGG				
13516W	6656N	1996-19503	00000/0000	1-10037/0300	04/15/75	70	3890	31.6	159.6		FGGG				
13516W	6527N	1797-19530	00000/0000	1-10030/0857	09/28/74	50	1115	21.7	164.4		PPPG				
13516W	5830N	1793-19322	00000/0000	1-10030/0613	09/24/74	90	1059	28.9	156.9		PPP				
13517W	5844N	1937-19271	00000/0000	1-10034/0222	02/15/75	90	3067	15.3	152.7		GGGF				
13517W	5838N	1847-19310	00000/0000	1-10032/0379	11/17/74	100	1812	10.8	162.0		PPPP				
13520W	6406N	1742-19495	00000/0000	1-10027/1242	08/04/74	80	348	41.3	155.4		GPPP				
13520W	5831N	1775-19330	00000/0000	1-10029/0993	09/06/74	0	808	35.3	153.5		PPPG				

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 COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT		RBV	MSS								B	P	P	B	P
13522W	6643N	1762-19595	00000/0000	1-10029/0216	08/24/74	30	627	33.3	161.3		G G					
13522W	6357N	1778-19483	00000/0000	1-10029/1094	09/09/74	0	850	30.0	159.9		PGGG					
13523W	6643N	1780-19590	00000/0000	1-10030/0167	09/11/74	0	878	27.0	163.7		PG					
13523W	6407N	5012-19391	00000/0000	1-10038/0120	05/01/75	50	4113	39.1	155.2		FGGG					
13524W	6524N	1779-19535	00000/0000	00000/0000	09/10/74	0	864	28.4	161.9		PGGG					
13524W	6402N	1760-19491	00000/0000	1-10029/0129	08/22/74	80	599	36.1	157.4		PGGG					
13524W	5830N	1757-19335	00000/0000	1-10029/0343	08/19/74	100	557	41.2	150.1		GGGG					
13526W	6528N	1743-19551	00000/0000	1-10027/1266	08/05/74	100	362	40.1	157.5		GGGG					
13527W	6524N	1761-19543	00000/0000	1-10029/0209	08/23/74	100	613	34.7	159.3		GPPG					
13528W	5554N	1810-19271	00000/0000	1-10030/1258	10/11/74	70	1296	24.8	157.7		PPGG					
13530W	6531N	5013-19442	00000/0000	1-10038/0081	05/02/75	0	4127	38.4	157.1		GGFF					
13533W	6007N	1812-19372	00000/0000	1-10030/1413	10/13/74	90	1324	20.6	161.2		GPP					
13533W	5553N	1828-19265	00000/0000	1-10031/0661	10/29/74	90	1547	18.6	159.7		PGP					
13533W	5551N	1864-19252	00000/0000	1-10032/0796	12/04/74	80	2049	9.7	159.6		P PP					
13534W	5545N	1792-19273	00000/0000	1-10030/0549	09/23/74	80	1045	31.4	154.4		PGG					
13535W	5309N	1809-19221	00000/0000	1-10030/1237	10/10/74	30	1282	27.4	155.6		PPPP					
13536W	5550N	1738-19293	00000/0000	1-10027/1000	07/31/74	10	292	48.0	143.7		G					
13537W	5554N	1936-19222	00000/0000	1-10034/0392	02/14/75	100	3053	17.1	150.9		FFFF					
13537W	5543N	1774-19281	00000/0000	1-10029/0887	09/05/74	100	794	37.7	150.5		GPGP					
13538W	6014N	1956-19314	00000/0000	1-10035/0691	03/06/75	50	3332	21.1	152.6		FFPF					
13539W	6008N	1830-19365	00000/0000	1-10031/0734	10/31/74	90	1575	14.4	162.7		GGGG					
13539W	5553N	1846-19260	00000/0000	1-10032/0699	11/16/74	10	1798	13.4	160.3		PG P					
13540W	5958N	1794-19373	00000/0000	1-10030/0646	09/25/74	100	1073	27.3	158.4		PPG					
13540W	5553N	1954-19213	00000/0000	1-10035/0616	03/04/75	80	3304	23.5	149.3		FFPG					
13540W	5304N	1863-19203	00000/0000	1-10032/0799	12/03/74	100	2035	12.2	158.3		PPPP					
13541W	5309N	1935-19173	00000/0000	1-10034/0362	02/13/75	90	3039	18.8	149.2		GGGG					
13541W	5307N	1827-19215	00000/0000	1-10031/0041	10/28/74	20	1533	21.3	157.9		GGG					
13542W	5259N	1881-19194	00000/0000	1-10033/0222	12/21/74	70	2286	10.5	156.5		GGFE					
13543W	5542N	1756-19290	00000/0000	1-10027/1805	08/18/74	100	543	43.4	146.6		GGGG					
13543W	5307N	1953-19164	00000/0000	1-10035/0529	03/03/75	70	3290	25.1	147.3		FFFF					
13543W	5306N	1845-19211	00000/0000	1-10032/0138	11/15/74	70	1784	16.0	158.8		PG					
13547W	5309N	1971-19155	00000/0000	1-10036/0220	03/21/75	70	3541	32.0	145.7		GGFR					
13547W	5259N	1737-19244	00000/0000	1-10027/0945	07/30/74	40	278	50.0	139.7		GGGG					
13548W	6008N	1974-19305	00000/0000	1-10036/0306	03/24/75	30	3583	28.3	151.8		GGFG					
13553W	5957N	1740-19394	00000/0000	1-10027/1138	08/02/74	80	320	44.8	149.4		GG G					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
13556W 5954N	1758-19390	00000/0000 1-10029/0085	08/20/74	100	571	39.8	151.9		GGGG	
13557W 5957N	5010-19290	00000/0000 1-10038/0033	04/29/75	70	4085	41.5	149.8		GFFG	
13558W 6130N	1813-19424	00000/0000 1-10030/1466	10/14/74	40	1338	19.0	162.4		GPFG	
13601W 6005N	1848-19361	00000/0000 1-10032/0390	11/18/74	100	1826	9.4	162.9		PPP	
13603W 6122N	1795-19425	00000/0000 1-10030/0668	09/26/74	80	1087	25.8	159.9		PP	
13603W 5720N	1811-19323	00000/0000 1-10030/1340	10/12/74	70	1310	23.3	158.9		GPPG	
13605W 5721N	1829-19320	00000/0000 1-10031/0696	10/30/74	80	1561	17.1	160.7		PPPP	
13606W 6133N	1957-19365	00000/0000 1-10035/0739	03/07/75	20	3346	20.5	153.8		GGGG	
13606W 6130N	1831-19421	00000/0000 1-10031/0773	11/01/74	90	1589	12.9	163.8		GGPP	
13609W 5707N	1793-19324	00000/0000 1-10030/0614	09/24/74	90	1059	30.0	155.7		PPP	
13610W 5724N	1955-19265	00000/0000 1-10035/0672	03/05/75	90	3318	22.8	150.4		FGGG	
13612W 5720N	1937-19273	00000/0000 1-10034/0223	02/15/75	80	3067	16.3	151.7		GFGF	
13613W 6253N	1814-19480	00000/0000 1-10030/1533	10/15/74	80	1352	17.5	163.8		GGGR	
13613W 5714N	1847-19312	00000/0000 1-10032/0380	11/17/74	100	1812	12.0	161.1		PPP	
13614W 5707N	1775-19333	00000/0000 1-10029/0994	09/06/74	20	808	36.4	152.1		GPFP	
13615W 6114N	1777-19434	00000/0000 1-10029/1061	09/08/74	30	836	32.5	156.7		PP P	
13616W 5430N	1810-19273	00000/0000 1-10030/1259	10/11/74	50	1296	25.9	156.7		GPGG	
13617W 6259N	1958-19421	00000/0000 1-10035/0396	03/08/75	0	3360	19.9	155.1		GGTG	
13617W 6118N	1759-19442	00000/0000 1-10029/0106	08/21/74	100	585	38.5	153.8		G GG	
13618W 6121N	1741-19450	00000/0000 1-10027/1178	08/03/74	100	334	43.6	151.4		GGGG	
13618W 5706N	1757-19341	00000/0000 1-10029/0344	08/19/74	100	557	42.1	148.4		PGGG	
13621W 6251N	1832-19473	00000/0000 1-10031/0853	11/02/74	100	1603	11.4	164.9		PPPP	
13621W 5430N	1828-19271	00000/0000 1-10031/0662	10/29/74	90	1547	19.8	158.8		PPPP	
13621W 5427N	1864-19254	00000/0000 1-10032/0801	12/04/74	80	2049	10.9	158.9		PPPG	
13622W 5421N	1792-19275	00000/0000 1-10030/0546	09/23/74	80	1045	32.5	153.2		P GG	
13623W 5423N	1882-19250	00000/0000 1-10033/0031	12/22/74	100	2300	9.3	157.1		GFFG	
13624W 6814N	1818-20091	00000/0000 1-10031/0191	10/19/74	70	1408	11.4	169.7		GPGP	
13624W 6243N	1796-19481	00000/0000 1-10030/0807	09/27/74	40	1101	24.3	161.4		P PP	
13625W 5431N	1936-19224	00000/0000 1-10034/0393	02/14/75	100	3053	18.1	150.0		GGFG	
13625W 5427N	1738-19300	00000/0000 1-10027/0994	07/31/74	10	292	48.9	141.8		P GG	
13625W 5420N	1774-19284	00000/0000 1-10029/0888	09/05/74	100	794	38.7	149.1		GPGG	
13626W 5434N	1972-19211	00000/0000 1-10036/0200	03/22/75	70	3555	31.4	146.8		GGFF	
13627W 5429N	1846-19263	00000/0000 1-10032/0700	11/16/74	20	1798	14.6	159.6		GG G	
13627W 5429N	1954-19220	00000/0000 1-10035/0617	03/04/75	80	3304	24.5	148.2		FFPG	
13627W 5418N	1900-19242	00000/0000 1-10033/0825	01/09/75	80	2551	10.1	154.6		FFFG	

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OF POOR QUALITY

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STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
13630W	6652N	1817-20040	00000/0000	1-10030/1619	10/18/74	80	1394	12.9	168.1		GGGG				
13630W	5419N	1756-19292	00000/0000	1-10027/1806	08/18/74	100	543	44.3	145.0		GGGG				
13631W	6419N	1959-19473	00000/0000	1-10035/0976	03/09/75	0	3374	19.2	156.4		GGGG				
13631W	6417N	1833-19524	00000/0000	1-10031/0940	11/03/74	90	1617	9.9	166.1		PPP				
13631W	6409N	1815-19532	00000/0000	1-10030/1556	10/16/74	70	1366	16.0	165.0		GGGP				
13631W	5844N	1812-19375	00000/0000	1-10030/1414	10/13/74	90	1324	21.7	160.1		PPP				
13633W	6803N	1782-20100	00000/0000	1-10030/0055	09/13/74	50	906	25.1	165.8		GGGG				
13633W	6244N	1742-19502	00000/0000	1-10027/1243	08/04/74	70	348	42.4	153.4		GG G				
13634W	6235N	1778-19490	00000/0000	1-10029/1095	09/09/74	30	850	31.1	158.4		PPGG				
13635W	6536N	1834-19580	00000/0000	00000/0000	11/04/74	90	1631	8.4	167.4		PP				
13635W	6406N	1797-19532	00000/0000	1-10030/0858	09/28/74	0	1115	22.8	162.9		GGPP				
13636W	6531N	1816-19584	00000/0000	1-10030/1506	10/17/74	90	1380	14.5	166.5		GGPP				
13636W	6246N	5012-19393	00000/0000	1-10038/0121	05/01/75	50	4113	40.1	153.3		GGFG				
13636W	6240N	1760-19494	00000/0000	1-10029/0130	08/22/74	90	599	37.2	155.6		GGGG				
13637W	6809N	1998-20013	00000/0000	1-10037/0280	04/17/75	50	3918	31.4	161.5		GGGG				
13637W	6654N	1943-19585	00000/0000	1-10034/0595	02/21/75	10	3151	11.2	159.7		GGGG				
13637W	5851N	1956-19320	00000/0000	1-10035/0692	03/06/75	60	3332	22.1	151.5		PPPF				
13638W	5846N	1830-19372	00000/0000	1-10031/0735	10/31/74	80	1575	15.6	161.7		GGGG				
13638W	5834N	1794-19380	00000/0000	1-10030/0647	09/28/74	100	1073	28.4	157.2		GGG				
13641W	6806N	1746-20113	00000/0000	1-10027/1515	08/08/74	70	404	37.1	161.9		PPPP				
13644W	6403N	1779-19541	00000/0000	00000/0000	09/10/74	10	864	29.5	160.2		PPGG				
13645W	6800N	1764-20105	00000/0000	1-10029/0403	08/26/74	20	655	31.6	163.5		GGGG				
13645W	6536N	1996-19510	00000/0000	1-10037/0301	04/15/75	80	3890	32.7	157.7		GGGG				
13645W	6406N	1743-19553	00000/0000	1-10027/1267	08/05/74	100	362	41.1	155.5		GGPP				
13646W	5845N	1974-19311	00000/0000	1-10036/0307	03/24/75	50	3583	29.3	150.5		GGFG				
13647W	6402N	1761-19545	00000/0000	1-10029/0206	08/23/74	100	613	35.8	157.5		GGPG				
13649W	6523N	1762-20001	00000/0000	1-10029/0221	08/24/74	10	627	34.4	159.4		GGP				
13650W	6641N	1781-20044	00000/0000	1-10029/1184	09/12/74	80	892	26.6	163.8		GGGP				
13650W	5834N	1740-19401	00000/0000	1-10027/1139	08/02/74	90	320	45.8	147.6		GGPP				
13651W	6647N	1745-20061	00000/0000	1-10027/1401	08/07/74	30	390	38.5	159.7		GGGG				
13651W	6522N	1780-19593	00000/0000	1-10030/0144	09/11/74	40	878	28.1	162.0		PPPG				
13651W	6409N	5013-19445	00000/0000	1-10038/0082	05/02/75	0	4127	39.4	155.1		GGFG				
13653W	6641N	1763-20053	00000/0000	1-10029/0304	08/25/74	20	641	33.0	161.4		PPG				
13653W	5832N	1758-19393	00000/0000	1-10029/0086	08/20/74	100	571	40.8	150.3		GGGG				
13654W	5834N	5010-19293	00000/0000	1-10038/0034	04/29/75	90	4085	42.5	148.1		GGFG				

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ERTS-1
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 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
13654W	5556N	1811-19325	00000/0000	1-10030/1341	10/12/74	50	1310	24.4	157.8	PPPG	
13657W	5558N	1829-19323	00000/0000	1-10031/0697	10/30/74	30	1561	18.3	159.8	PPPP	
13659W	5842N	1848-19364	00000/0000	1-10032/0391	11/18/74	100	1826	10.6	162.0	PPP	
13659W	5550N	1865-19310	00000/0000	1-10032/0803	12/05/74	100	2063	9.6	159.5	PPPP	
13700W	5543N	1793-19331	00000/0000	1-10030/0615	09/24/74	100	1059	31.1	154.6	PP	
13701W	5601N	1955-19271	00000/0000	1-10035/0673	03/05/75	40	3318	23.8	149.3	GGGG	
13702W	6008N	1813-19430	00000/0000	1-10030/1467	10/14/74	50	1338	20.2	161.3	GGGP	
13702W	5306N	1810-19280	00000/0000	1-10030/1260	10/11/74	50	1296	27.0	155.7	PPGG	
13704W	5557N	1937-19280	00000/0000	1-10034/0224	02/15/75	50	3067	17.4	150.8	GF GF	
13704W	5550N	1847-19315	00000/0000	1-10032/0381	11/17/74	100	1812	13.2	160.3	PPP	
13705W	5544N	1775-19335	00000/0000	1-10029/0979	09/06/74	50	808	37.4	150.7	G PG	
13706W	5959N	1795-19431	00000/0000	1-10030/0669	09/26/74	90	1087	26.9	158.6	GP	
13706W	5306N	1828-19274	00000/0000	1-10031/0659	10/29/74	90	1547	21.0	158.0	P PP	
13706W	5303N	1864-19261	00000/0000	1-10032/0802	12/04/74	80	2049	12.1	158.2	PPG	
13707W	5543N	1757-19344	00000/0000	1-10029/0345	08/19/74	90	557	43.1	146.8	GGGG	
13707W	5257N	1792-19282	00000/0000	1-10030/0550	09/23/74	30	1045	33.6	152.1	PPGP	
13708W	5259N	1882-19253	00000/0000	1-10033/0032	12/22/74	100	2300	10.5	156.4	GGFF	
13709W	6011N	1957-19372	00000/0000	1-10035/0740	03/07/75	10	3346	21.5	152.6	GGFG	
13709W	6007N	1831-19424	00000/0000	1-10031/0774	11/01/74	70	1589	14.1	162.7	GGPP	
13709W	5256N	1774-19290	00000/0000	1-10029/0889	09/05/74	70	794	39.7	147.8	GGGG	
13710W	5307N	1936-19231	00000/0000	1-10034/0394	02/14/75	100	3053	19.1	149.1	GGPF	
13710W	5303N	1738-19302	00000/0000	1-10027/0999	07/31/74	20	292	49.8	139.9	PGGG	
13711W	5309N	1972-19213	00000/0000	1-10036/0201	03/22/75	40	3555	32.4	145.6	GGFF	
13711W	5304N	1954-19222	00000/0000	1-10035/0618	03/04/75	100	3304	25.5	147.2	GGPF	
13711W	5254N	1900-19244	00000/0000	1-10033/0826	01/09/75	90	2551	11.2	153.9	FFFF	
13713W	5305N	1846-19265	00000/0000	1-10032/0701	11/16/74	100	1798	15.8	158.8	GGPG	
13714W	5255N	1756-19295	00000/0000	1-10027/1807	08/18/74	100	543	45.2	143.4	GGGG	
13717W	5952N	1777-19440	00000/0000	1-10029/1062	09/08/74	80	836	33.6	155.3	PPPP	
13719W	5955N	1759-19445	00000/0000	1-10029/0108	08/21/74	50	585	39.5	152.1	GGGG	
13720W	5958N	1741-19453	00000/0000	1-10027/1179	08/03/74	100	334	44.6	149.6	GGGG	
13722W	6131N	1814-19482	00000/0000	1-10030/1534	10/15/74	90	1352	18.7	162.6	GGGP	
13726W	6137N	1958-19423	00000/0000	1-10035/0397	03/08/75	0	3360	20.9	153.8	GGFG	
13726W	5721N	1812-19381	00000/0000	1-10030/1415	10/13/74	100	1324	22.9	159.0	GGPG	
13729W	6931N	1820-20201	00000/0000	1-10031/0301	10/21/74	90	1436	9.5	171.6	GP G	
13730W	6129N	1832-19475	00000/0000	1-10031/0846	11/02/74	100	1603	12.6	163.8	P GP	

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D			
13731W	6927N	1802-20202	00000/0000	1-10030/0962	10/03/74	80	1185	16.2	170.2		PGPG				
13731W	5711N	1794-19382	00000/0000	1-10030/0648	09/25/74	100	1073	29.5	156.0		GPGP				
13732W	6121N	1796-19483	00000/0000	1-10030/0813	09/27/74	100	1101	25.5	160.0		P				
13732W	5728N	1956-19323	00000/0000	1-10035/0693	03/06/75	70	3332	23.1	150.3		FFPF				
13732W	5722N	1830-19374	00000/0000	1-10031/0736	10/31/74	80	1575	16.8	160.8		GGGG				
13734W	5715N	1866-19362	00000/0000	00000/0000	12/06/74	100	2077	8.3	160.2		PGPF				
13736W	6931N	1730-20230	00000/0000	1-10027/0602	07/23/74	80	181	39.9	163.8		PGPG				
13738W	6922N	1784-20210	00000/0000	1-10030/0128	09/15/74	100	934	23.2	168.1		PGG				
13740W	6806N	1801-20150	00000/0000	1-10030/0891	10/02/74	70	1171	17.8	168.2		P PP				
13740W	5722N	1974-19314	00000/0000	1-10036/0308	03/24/75	40	3583	30.3	149.2		FFGG				
13741W	6122N	1742-19504	00000/0000	1-10027/1244	08/04/74	60	348	43.3	151.5		GGPP				
13741W	6113N	1778-19492	00000/0000	1-10029/1087	09/09/74	90	850	32.2	156.9		P GG				
13743W	6124N	5012-19400	00000/0000	1-10038/0122	05/01/75	30	4113	41.1	151.5		GPPP				
13743W	6118N	1760-19500	00000/0000	1-10029/0131	08/22/74	80	599	38.2	153.9		GGPG				
13743W	5432N	1811-19332	00000/0000	1-10030/1342	10/12/74	70	1310	25.5	156.9		PPPP				
13744W	5711N	1740-19403	00000/0000	1-10027/1140	08/02/74	90	320	46.7	145.7		GG P				
13745W	6924N	1748-20222	00000/0000	1-10027/1592	08/10/74	20	432	35.5	164.4		G				
13745W	6707N	1800-20094	00000/0000	1-10030/0884	10/01/74	90	1157	19.1	166.8		PPG				
13745W	6257N	1959-19475	00000/0000	1-10035/0977	03/09/75	0	3374	20.3	155.0		GGGG				
13745W	6248N	1815-19544	00000/0000	1-10030/1557	10/16/74	80	1366	17.2	163.8		PPGG				
13745W	5434N	1829-19325	00000/0000	1-10031/0698	10/30/74	40	1561	19.4	158.9		PPPP				
13746W	6926N	5000-20123	00000/0000	1-10037/0774	04/19/75	20	3946	31.1	163.6		GFFG				
13746W	5709N	1758-19395	00000/0000	1-10029/0087	08/20/74	100	571	41.8	148.7		GGGG				
13747W	6255N	1833-19531	00000/0000	1-10031/0941	11/03/74	30	1617	11.1	165.0		PPP				
13747W	5710N	5010-19295	00000/0000	1-10038/0035	04/29/75	100	4085	43.4	146.3		FFFFG				
13747W	5426N	1865-19313	00000/0000	1-10032/0804	12/05/74	100	2063	10.8	158.8		PPPP				
13747W	5419N	1793-19333	00000/0000	1-10030/0616	09/24/74	100	1059	32.1	153.4		PPP				
13748W	6245N	1797-19535	00000/0000	1-10030/0859	09/28/74	10	1115	23.9	161.5		GPPP				
13748W	5437N	1955-19274	00000/0000	1-10035/0674	03/05/75	40	3318	24.8	148.2		GFGG				
13749W	6813N	1819-20150	00000/0000	1-10031/0220	10/20/74	50	1422	11.0	169.8		G GG				
13752W	5433N	1937-19282	00000/0000	1-10034/0225	02/15/75	50	3067	18.4	149.9		GGGF				
13752W	5426N	1847-19321	00000/0000	1-10032/0382	11/17/74	100	1812	14.3	159.6		PPP				
13752W	5419N	1775-19342	00000/0000	1-10029/0980	09/06/74	80	808	38.4	149.4		G				
13755W	5419N	1757-19350	00000/0000	1-10029/0346	08/19/74	100	557	44.0	145.2		GGGG				
13756W	6421N	1960-19531	00000/0000	1-10035/0953	03/10/75	0	3388	19.6	156.4		GFGF				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	SUN ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P B P C C D D
LONG	LAT		RBV	MSS								
13756W	6244N	1743-19560	00000/0000	1-10027/1268	08/05/74	100	362	42.1	153.5		GPGP	
13757W	6415N	1834-19583	00000/0000	00000/0000	11/04/74	20	1631	9.6	166.2		PPP	
13757W	6251N	1977-19470	00000/0000	1-10037/0249	03/27/75	90	3625	27.5	154.6		FFGF	
13757W	6241N	1779-19544	00000/0000	00000/0000	09/10/74	20	864	30.6	158.7		PPPG	
13758W	6410N	1816-19590	00000/0000	1-10030/1507	10/17/74	10	1380	15.7	165.1		GGGG	
13759W	6532N	1817-20042	00000/0000	1-10030/1620	10/18/74	50	1394	14.1	166.6		GGG	
13800W	6544N	1961-19582	00000/0000	1-10035/0945	03/11/75	70	3402	18.9	157.9		FFFF	
13800W	6240N	1761-19552	00000/0000	1-10029/0207	08/23/74	100	613	36.8	155.8		G PP	
13802W	6654N	1818-20094	00000/0000	1-10031/0192	10/19/74	90	1408	12.6	168.1		PPPG	
13802W	5845N	1813-19433	00000/0000	1-10030/1468	10/14/74	40	1338	21.4	160.2		GPUG	
13804W	6806N	1747-20171	00000/0000	1-10027/1653	08/09/74	80	418	36.9	162.0		GGGG	
13804W	6247N	5013-19451	00000/0000	1-10038/0083	05/02/75	20	4127	40.4	153.2		GGTG	
13804W	5837N	1795-19434	00000/0000	1-10030/0670	09/26/74	100	1087	28.0	157.4		PP	
13805W	6802N	1783-20154	00000/0000	1-10030/0082	09/14/74	80	920	24.7	165.9		PPUG	
13806W	6415N	1996-19512	00000/0000	1-10037/0302	04/15/75	70	3890	33.7	155.9		GGUG	
13807W	6534N	1943-19591	00000/0000	1-10034/0596	02/21/75	80	3151	12.2	158.2		FGUG	
13808W	6653N	1944-20043	00000/0000	1-10035/0157	02/22/75	90	3165	11.5	159.6		GGGG	
13808W	5848N	1957-19374	00000/0000	1-10035/0741	03/07/75	10	3346	22.5	151.4		FFFF	
13808W	5844N	1831-19430	00000/0000	1-10031/0775	11/01/74	70	1589	15.3	161.8		GPPP	
13809W	6413N	1978-19522	00000/0000	1-10037/0082	03/28/75	0	3639	26.9	156.1		GGFG	
13809W	6403N	1762-20004	00000/0000	1-10029/0217	08/24/74	10	627	35.5	157.6		G PP	
13811W	6644N	1782-20103	00000/0000	1-10030/0056	09/13/74	50	906	26.2	164.0		GPUG	
13811W	6402N	1780-19595	00000/0000	1-10030/0145	09/11/74	50	878	29.2	160.4		P PG	
13811W	5844N	1975-19370	00000/0000	1-10036/0373	03/25/75	30	3597	29.7	150.4		GGTG	
13814W	6650N	1998-20020	00000/0000	1-10037/0281	04/17/75	70	3918	32.4	159.4		GFFF	
13815W	6800N	1765-20163	00000/0000	1-10029/0504	08/27/74	60	669	31.3	163.6		P PP	
13816W	6521N	1781-20051	00000/0000	1-10029/1185	09/12/74	80	892	27.7	162.1		GPGP	
13816W	5832N	1759-19451	00000/0000	1-10029/0109	08/21/74	50	585	40.5	150.5		GGUG	
13816W	5829N	1777-19443	00000/0000	1-10029/1053	09/08/74	100	836	34.6	153.9		G P	
13817W	5835N	1741-19455	00000/0000	1-10027/1180	08/03/74	100	334	45.5	147.7		GGGG	
13817W	5557N	1812-19384	00000/0000	1-10030/1416	10/13/74	100	1324	24.0	158.0		PPPP	
13818W	6647N	1746-20115	00000/0000	1-10027/1516	08/08/74	80	404	38.2	159.8		PP P	
13819W	6526N	1745-20063	00000/0000	1-10027/1402	08/07/74	80	390	39.5	157.6		GGGG	
13820W	6521N	1763-20055	00000/0000	1-10029/0305	08/25/74	40	641	34.1	159.6		PPPG	
13822W	6641N	1764-20111	00000/0000	1-10029/0404	08/26/74	50	655	32.7	161.5		GGUG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
13822W 5548N	1794-19385	00000/0000	1-10030/0649	09/25/74	70	1073	30.6	154.8		PPGP	
13823W 5559N	1830-19381	00000/0000	1-10031/0737	10/31/74	80	1575	17.9	159.9		GGGG	
13824W 5604N	1956-19325	00000/0000	1-10035/0694	03/06/75	70	3332	24.1	149.2		FFFG	
13825W 5552N	1866-19364	00000/0000	00000/0000	12/06/74	100	2077	9.4	159.5		FFFG	
13826W 6008N	1814-19485	00000/0000	1-10030/1535	10/15/74	90	1352	19.8	161.4		PPGP	
13829W 6015N	1958-19430	00000/0000	1-10035/0398	03/08/75	30	3360	21.9	152.5		GGFG	
13829W 5308N	1811-19334	00000/0000	1-10030/1343	10/12/74	100	1310	26.7	155.9		PPG	
13830W 5558N	1974-19320	00000/0000	1-10036/0309	03/24/75	50	3583	31.3	147.9		GGGG	
13831W 5310N	1829-19332	00000/0000	1-10031/0699	10/30/74	60	1561	20.6	158.1		PPPP	
13831W 5255N	1793-19340	00000/0000	1-10030/0617	09/24/74	90	1059	33.2	152.3		GGPP	
13833W 6007N	1832-19482	00000/0000	1-10031/0847	11/02/74	100	1603	13.8	162.8		P GP	
13833W 5302N	1865-19315	00000/0000	1-10032/0805	12/05/74	60	2063	11.9	158.1		PPPP	
13834W 5958N	1796-19490	00000/0000	1-10030/0814	09/27/74	100	1101	26.6	158.8		P	
13834W 5547N	1740-19410	00000/0000	1-10027/1141	08/02/74	90	320	47.6	143.9		GG G	
13834W 5313N	1955-19280	00000/0000	1-10035/0675	03/05/75	70	3318	25.7	147.2		GGGG	
13836W 7041N	1750-20332	00000/0000	1-10027/1679	08/12/74	80	460	33.9	167.0		GGGG	
13836W 5303N	1847-19324	00000/0000	1-10032/0383	11/17/74	70	1812	15.5	158.8		PPP	
13836W 5255N	1775-19344	00000/0000	1-10029/0981	09/06/74	100	808	39.4	148.0		G P	
13837W 5547N	5010-19302	00000/0000	1-10038/0036	04/29/75	100	4085	44.3	144.7		GGFG	
13837W 5545N	1758-19402	00000/0000	1-10029/0088	08/20/74	90	571	42.8	147.1		GGGG	
13837W 5309N	1937-19285	00000/0000	1-10034/0226	02/15/75	50	3067	19.4	149.0		GGGG	
13839W 5255N	1757-19353	00000/0000	1-10029/0347	08/19/74	100	557	45.0	143.6		GGGG	
13843W 7037N	1768-20324	00000/0000	1-10029/0547	08/30/74	30	711	28.0	168.4		GGPG	
13843W 5951N	1778-19495	00000/0000	1-10029/1088	09/09/74	100	850	33.2	155.5		P GP	
13844W 7041N	5020-20223	00000/0000	1-10037/0712	05/09/75	10	4225	36.2	165.8		FGPG	
13845W 5959N	1742-19511	00000/0000	1-10027/1245	08/04/74	80	348	44.3	149.7		GGPG	
13846W 6001N	5012-19402	00000/0000	1-10038/0123	05/01/75	90	4113	42.1	149.7		FFFG	
13847W 6930N	1821-20260	00000/0000	1-10031/0404	10/22/74	40	1450	9.1	171.7		GGGG	
13850W 6929N	1803-20260	00000/0000	1-10030/1129	10/04/74	50	1199	15.8	170.3		GGGG	
13854W 6135N	1959-19482	00000/0000	1-10035/0978	03/09/75	0	3374	21.3	153.7		FGGG	
13854W 6126N	1815-19541	00000/0000	1-10030/1558	10/16/74	80	1366	18.4	162.6		GGG	
13856W 6132N	1833-19533	00000/0000	1-10031/0942	11/03/74	60	1617	12.2	163.9		PPP	
13856W 6123N	1797-19541	00000/0000	1-10030/0860	09/28/74	40	1115	25.1	160.2		GGPP	
13857W 5722N	1813-19435	00000/0000	1-10030/1469	10/14/74	80	1338	22.5	159.2		PPGG	
13857W 5714N	1795-19440	00000/0000	1-10030/0671	09/26/74	100	1087	29.2	156.2		PP	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
13900W	6930N	1965-20200	00000/0000	1-10036/0093	03/15/75	10	3458	17.5	163.0		FGGG				
13900W	5719N	1849-19424	00000/0000	1-10032/0251	11/19/74	80	1840	11.5	161.1		PPPP				
13902W	6931N	1731-20284	00000/0000	1-10027/0658	07/24/74	50	195	39.7	163.9		GGPG				
13903W	5724N	1957-19381	00000/0000	1-10035/0742	03/07/75	30	3346	23.5	150.2		FGFG				
13903W	5720N	1831-19433	00000/0000	1-10031/0776	11/01/74	70	1589	16.5	160.8		GPP				
13904W	6122N	1743-19562	00000/0000	1-10027/1269	08/05/74	100	362	43.1	151.7		GGPG				
13904W	6119N	1779-19550	00000/0000	00000/0000	09/10/74	30	864	31.7	157.2		PPPP				
13905W	6128N	1977-19473	00000/0000	1-10037/0250	03/27/75	40	3625	28.5	153.1		FFFF				
13905W	5721N	1975-19372	00000/0000	1-10036/0374	03/25/75	40	3597	30.7	149.1		FGGG				
13905W	5433N	1812-19390	00000/0000	1-10030/1417	10/13/74	90	1324	25.2	157.0		PPGP				
13906W	6921N	1785-20264	00000/0000	1-10030/0171	09/16/74	90	948	22.8	168.2		P PP				
13907W	6118N	1761-19554	00000/0000	1-10029/0208	08/23/74	100	613	37.9	154.1		G PG				
13909W	6924N	1749-20281	00000/0000	1-10027/1640	08/11/74	90	446	35.2	164.4		GGGG				
13909W	5705N	1777-19445	00000/0000	1-10029/1054	09/08/74	100	836	35.7	152.5		G P				
13910W	5709N	1759-19454	00000/0000	1-10029/0110	08/21/74	80	585	41.5	148.9		GGGG				
13910W	5424N	1794-19391	00000/0000	1-10030/0650	09/25/74	60	1073	31.7	153.7		PGGG				
13911W	6125N	5013-19454	00000/0000	1-10038/0084	05/02/75	40	4127	41.4	151.4		GGFG				
13911W	5712N	1741-19462	00000/0000	1-10027/1181	08/03/74	100	334	46.5	145.9		GGGG				
13911W	5435N	1830-19383	00000/0000	1-10031/0738	10/31/74	90	1575	19.1	159.0		GGGG				
13912W	6259N	1960-19533	00000/0000	1-10035/0954	03/10/75	0	3388	20.6	155.0		GGGG				
13912W	6254N	1834-19585	00000/0000	00000/0000	11/04/74	10	1631	10.8	165.0		PPP				
13912W	5440N	1956-19332	00000/0000	1-10035/0695	03/06/75	50	3332	25.1	148.2		PPPF				
13913W	6249N	1816-19593	00000/0000	1-10030/1508	10/17/74	10	1380	16.8	163.9		GGGG				
13913W	5426N	1848-19375	00000/0000	1-10032/0392	11/18/74	60	1826	14.1	159.5		PPPP				
13914W	5428N	1866-19371	00000/0000	00000/0000	12/06/74	70	2077	10.6	158.8		FG				
13916W	6546N	1800-20100	00000/0000	1-10030/0885	10/01/74	100	1157	20.2	165.2		PPP				
13916W	5421N	1884-19363	00000/0000	1-10033/0301	12/24/74	80	2328	9.3	156.8		FG				
13918W	5433N	1974-19323	00000/0000	1-10036/0310	03/24/75	60	3583	32.2	146.7		FGGG				
13919W	6813N	1820-20204	00000/0000	1-10031/0302	10/21/74	30	1436	10.7	169.8		PPPG				
13919W	6647N	1801-20153	00000/0000	1-10030/0892	10/02/74	80	1171	18.9	166.5		G PP				
13920W	6808N	1802-20204	00000/0000	1-10030/0963	10/03/74	30	1185	17.4	168.3		GGGP				
13920W	6411N	1817-20045	00000/0000	1-10030/1621	10/18/74	30	1394	15.3	165.2		GGGR				
13920W	6253N	1996-19515	00000/0000	1-10037/0303	04/15/75	50	3890	34.7	154.2		FGFG				
13921W	5424N	1740-19412	00000/0000	1-10027/1142	08/02/74	90	320	48.5	142.0		PG P				
13923W	6422N	1961-19585	00000/0000	1-10035/0946	03/11/75	80	3402	20.0	156.4		FGFG				

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 COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
13923W 6251N	1978-19524	00000/0000	1-10037/0083	03/28/75	40	3639	27.9	154.5		GGGG	
13923W 6241N	1762-20010	00000/0000	1-10029/0222	08/24/74	40	627	36.5	155.9		PPPP	
13923W 6240N	1780-20002	00000/0000	1-10030/0146	09/11/74	70	878	30.3	158.8		P PP	
13924W 6416N	1835-20041	00000/0000	1-10031/1010	11/05/74	80	1645	9.3	166.2		GPP	
13924W 5846N	1814-19491	00000/0000	1-10030/1536	10/15/74	100	1352	21.0	160.3		PGGP	
13924W 5422N	1758-19404	00000/0000	1-10029/0089	08/20/74	100	571	43.7	145.5		PGGG	
13925W 5423N	5010-19304	00000/0000	1-10038/0037	04/29/75	100	4085	45.2	143.0		GGFG	
13926W 6812N	1730-20233	00000/0000	1-10027/0603	07/23/74	90	181	41.0	161.4		GGPG	
13926W 6803N	1784-20212	00000/0000	1-10030/0115	09/15/74	100	934	24.3	166.1		P GG	
13928W 6653N	1819-20152	00000/0000	1-10031/0221	10/20/74	50	1422	12.2	168.2		G PG	
13928W 6413N	1943-19594	00000/0000	1-10034/0597	02/21/75	70	3151	13.2	156.8		GGGG	
13929W 5852N	1958-19432	00000/0000	1-10035/0399	03/08/75	50	3360	22.9	151.4		GGFF	
13930W 6654N	1945-20101	00000/0000	1-10035/0145	02/23/75	10	3179	11.9	159.6		GGFG	
13931W 5836N	1796-19492	00000/0000	1-10030/0808	09/27/74	70	1101	27.7	157.5		P PP	
13932W 6533N	1818-20100	00000/0000	1-10031/0193	10/19/74	90	1408	13.8	166.7		PPGG	
13932W 5844N	1832-19484	00000/0000	1-10031/0848	11/02/74	100	1603	15.0	161.8		P PP	
13933W 6805N	1748-20225	00000/0000	1-10027/1566	08/10/74	40	432	36.6	162.1		GPGG	
13935W 6807N	5000-20125	00000/0000	1-10037/0775	04/19/75	0	3946	32.1	161.4		GGFG	
13936W 6400N	1781-20053	00000/0000	1-10029/1186	09/12/74	50	892	28.8	160.5		GPGG	
13937W 7042N	1805-20371	00000/0000	1-10030/1103	10/06/74	70	1227	13.9	172.5		PGGP	
13937W 6533N	1944-20050	00000/0000	1-10035/0158	02/22/75	70	3165	12.6	158.1		GGGG	
13939W 6523N	1782-20105	00000/0000	1-10030/0057	09/13/74	40	906	27.3	162.3		GGGG	
13939W 6406N	1745-20070	00000/0000	1-10027/1403	08/07/74	50	390	40.5	155.7		GGGG	
13939W 6401N	1763-20062	00000/0000	1-10029/0306	08/25/74	60	641	35.1	157.8		PGPG	
13940W 5828N	1778-19501	00000/0000	1-10029/1089	09/09/74	100	850	34.3	154.1		P GG	
13941W 6646N	1747-20173	00000/0000	1-10027/1654	08/09/74	90	418	37.9	159.8		GGGG	
13942W 6642N	1783-20161	00000/0000	1-10030/0083	09/14/74	80	920	25.9	164.1		PPPG	
13942W 6530N	1998-20022	00000/0000	1-10037/0282	04/17/75	100	3918	33.5	157.5		GGGF	
13942W 5832N	1760-19505	00000/0000	1-10029/0132	08/22/74	50	599	40.2	150.7		GGGG	
13943W 5839N	5012-19405	00000/0000	1-10038/0124	05/01/75	90	4113	43.0	148.0		FFFF	
13943W 5836N	1742-19513	00000/0000	1-10027/1246	08/04/74	40	348	45.3	147.9		GPGG	
13946W 6526N	1746-20122	00000/0000	1-10027/1517	08/08/74	80	404	39.2	157.7		PP P	
13947W 5559N	1813-19442	00000/0000	1-10030/1470	10/14/74	100	1338	23.7	158.2		PPGP	
13948W 5550N	1795-19443	00000/0000	1-10030/0672	09/26/74	100	1087	30.3	155.0		PP	
13949W 5552N	1867-19422	00000/0000	00000/0000	12/07/74	100	2091	9.3	159.4		FFFF	

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
13950W	6640N	1765-20165	00000/0000	1-10029/0512	08/27/74	40	669	32.4	161.7		GPFG	
13950W	6520N	1764-20114	00000/0000	1-10029/0405	08/26/74	80	655	33.8	159.7		GGGG	
13951W	5309N	1812-19393	00000/0000	1-10030/1418	10/13/74	90	1324	26.3	156.1		GPFG	
13952W	7047N	1985-20300	00000/0000	1-10036/0694	04/04/75	0	3737	24.4	165.8		GPFG	
13952W	5556N	1849-19431	00000/0000	1-10032/0252	11/19/74	50	1840	12.6	160.3		PPP	
13953W	5556N	1831-19435	00000/0000	1-10031/0777	11/01/74	70	1589	17.6	159.9		GPFG	
13954W	5601N	1957-19383	00000/0000	1-10035/0743	03/07/75	40	3346	24.5	149.1		GGFF	
13955W	5300N	1794-19394	00000/0000	1-10030/0651	09/25/74	60	1073	32.8	152.5		GPFG	
13956W	5557N	1975-19375	00000/0000	1-10036/0375	03/25/75	40	3597	31.7	147.9		FGGG	
13956W	5310N	1830-19390	00000/0000	1-10031/0739	10/31/74	100	1575	20.3	158.2		PPPG	
13957W	6003N	1815-19543	00000/0000	1-10030/1559	10/16/74	70	1366	19.5	161.5		GPFG	
13957W	5315N	1956-19334	00000/0000	1-10035/0696	03/06/75	50	3332	26.1	147.1		FFFG	
13958W	7045N	1733-20394	00000/0000	1-10027/0829	07/26/74	50	223	38.3	166.4		GGGG	
13958W	7037N	1787-20374	00000/0000	1-10030/0212	09/18/74	70	976	20.9	170.5		GPFG	
13958W	6012N	1959-19484	00000/0000	1-10035/0979	03/09/75	10	3374	22.3	152.5		FFGF	
13958W	6000N	1797-19544	00000/0000	1-10030/0861	09/28/74	10	1115	26.2	158.9		PPPP	M
13958W	5302N	1848-19382	00000/0000	1-10032/0393	11/18/74	50	1826	15.3	158.8		P	
13959W	6009N	1833-19540	00000/0000	1-10031/0943	11/03/74	100	1617	13.4	162.8		PPP	
13959W	5541N	1777-19452	00000/0000	1-10029/1063	09/08/74	90	836	36.7	151.2		PP P	
13959W	5304N	1866-19373	00000/0000	00000/0000	12/06/74	70	2077	11.7	158.1		GGG	
14000W	5546N	1759-19460	00000/0000	1-10029/0111	08/21/74	60	585	42.5	147.3		GGGG	
14001W	5548N	1741-19464	00000/0000	1-10027/1182	08/03/74	100	334	47.4	144.1		GGGG	
14001W	5257N	1884-19365	00000/0000	1-10033/0300	12/24/74	80	2328	10.4	156.1		FFF	
14002W	7043N	5003-20291	00000/0000	1-10037/0389	04/22/75	10	3988	31.0	166.0		FGFG	
14003W	5310N	1974-19325	00000/0000	1-10036/0311	03/24/75	40	3583	33.2	145.5		GGGG	
14005W	5956N	1779-19553	00000/0000	00000/0000	09/10/74	90	864	32.8	155.8		PPP	
14005W	5259N	1740-19415	00000/0000	1-10027/1143	08/02/74	100	320	49.3	140.2		GG G	
14006W	6927N	1804-20315	00000/0000	1-10030/1047	10/05/74	50	1213	15.4	170.4		GGGG	
14007W	7035N	1769-20382	00000/0000	1-10029/0687	08/31/74	40	725	27.7	168.5		GPFG	
14008W	6006N	1977-19475	00000/0000	1-10037/0251	03/27/75	90	3625	29.5	151.7		FFFF	
14008W	5959N	1743-19565	00000/0000	1-10027/1270	08/05/74	100	362	44.1	149.8		GGPP	
14008W	5258N	1758-19411	00000/0000	1-10029/0090	08/20/74	100	571	44.6	143.9		GGGG	
14009W	5955N	1761-19561	00000/0000	1-10029/0210	08/23/74	70	613	38.9	152.5		GGPP	
14010W	5259N	5010-19311	00000/0000	1-10038/0038	04/29/75	100	4085	46.1	141.2		GGFG	
14014W	6002N	5013-19460	00000/0000	1-10038/0085	05/02/75	70	4127	42.4	149.6		GGFG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14019W 5723N	1814-19494	00000/0000	1-10030/1537	10/15/74	80	1352	22.1	159.3		GP GP	
14021W 6137N	1960-19540	00000/0000	1-10035/0955	03/10/75	50	3388	21.7	153.7		GF GF	
14022W 6930N	1948-20263	00000/0000	1-10035/0360	02/26/75	80	3221	10.9	162.9		GF GF	
14022W 6131N	1834-19592	00000/0000	00000/0000	11/04/74	40	1631	11.9	163.9		P P	
14022W 6127N	1816-19595	00000/0000	1-10030/1509	10/17/74	10	1380	18.0	162.7		GG GG	
14024W 6934N	1966-20254	00000/0000	1-10035/1093	03/16/75	10	3472	17.9	163.1		GG GF	
14024W 5728N	1958-19435	00000/0000	1-10035/0400	03/08/75	40	3360	23.9	150.2		GF FF	
14025W 5722N	1850-19482	00000/0000	1-10032/0361	11/20/74	50	1854	11.2	161.1		P	
14025W 5712N	1796-19495	00000/0000	1-10030/0809	09/27/74	60	1101	28.8	156.4		P PP	
14026W 5720N	1832-19491	00000/0000	1-10031/0849	11/02/74	100	1603	16.1	160.9		P PP	
14028W 6131N	1996-19521	00000/0000	1-10037/0304	04/15/75	70	3890	35.7	152.5		GG GG	
14030W 6927N	1732-20343	00000/0000	1-10027/0736	07/25/74	40	209	39.5	163.8		GG GG	
14030W 6118N	1780-20004	00000/0000	1-10030/0168	09/11/74	100	878	31.4	157.3		PP	
14031W 6919N	1786-20322	00000/0000	1-10030/0288	09/17/74	70	962	22.5	168.2		GG GF	
14031W 6128N	1978-19531	00000/0000	1-10037/0084	03/28/75	100	3639	28.9	153.1		GF GF	
14031W 6118N	1762-20013	00000/0000	1-10029/0218	08/24/74	20	627	37.6	154.2		P PP	
14032W 5705N	1778-19504	00000/0000	1-10029/1096	09/09/74	80	850	35.3	152.7		PP GG	
14033W 6249N	1817-20051	00000/0000	1-10030/1622	10/18/74	10	1394	16.5	164.0		PP GP	
14034W 6926N	1984-20245	00000/0000	1-10036/0644	04/03/75	10	3723	25.1	163.4		GF GF	
14035W 5435N	1813-19444	00000/0000	1-10030/1462	10/14/74	100	1338	24.8	157.2		G GP	
14036W 5427N	1795-19445	00000/0000	1-10030/0673	09/26/74	100	1087	31.3	153.9		PP G	
14037W 6923N	1750-20335	00000/0000	1-10027/1680	08/12/74	100	460	34.9	164.5		GG GG	
14037W 6425N	1800-20103	00000/0000	1-10030/0881	10/01/74	100	1157	21.4	163.7		P G	
14037W 5715N	5012-19411	00000/0000	1-10038/0125	05/01/75	90	4113	44.0	146.2		GF FF	
14037W 5428N	1867-19425	00000/0000	00000/0000	12/07/74	100	2091	10.5	158.7		FFFF	
14038W 6812N	1821-20262	00000/0000	1-10031/0405	10/22/74	50	1450	10.3	169.9		PP GG	
14038W 6300N	1961-19591	00000/0000	1-10035/0947	03/11/75	40	3402	21.0	155.0		FF GG	
14038W 5712N	1742-19520	00000/0000	1-10027/1247	08/04/74	30	348	46.2	146.0		GP G	
14039W 6811N	1803-20263	00000/0000	1-10030/1130	10/04/74	0	1199	17.0	168.4		GG GG	
14039W 6254N	1835-20043	00000/0000	1-10031/1011	11/05/74	70	1645	10.5	165.0		GP	
14041W 5433N	1831-19442	00000/0000	1-10031/0778	11/01/74	80	1589	18.8	159.1		GP P	
14042W 6251N	1943-20000	00000/0000	1-10034/0598	02/21/75	30	3151	14.3	155.6		GG GG	
14042W 5437N	1957-19390	00000/0000	1-10035/0744	03/07/75	60	3346	25.5	148.1		GF GF	
14043W 6920N	1768-20331	00000/0000	1-10029/0548	08/30/74	50	711	29.1	166.1		PP GP	
14044W 5432N	1975-19381	00000/0000	1-10036/0376	03/25/75	60	3597	32.6	146.6		GF FF	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14045W	6922N	5020-20230	00000/0000	1-10037/0713	05/09/75	10	4225	37.3	163.2		GFGG
14046W	6251N	1979-19583	00000/0000	1-10036/0579	03/29/75	30	3653	28.3	154.5		FGFG
14046W	5418N	1777-19454	00000/0000	1-10029/1055	09/08/74	80	836	37.7	149.8		G P
14047W	5422N	1759-19463	00000/0000	1-10029/0112	08/21/74	70	585	43.4	145.7		GPFG
14048W	6527N	1801-20155	00000/0000	1-10030/0893	10/02/74	100	1171	20.1	164.9		G PP
14048W	6239N	1781-20060	00000/0000	1-10029/1177	09/12/74	40	892	29.9	159.0		G PG
14048W	5424N	1741-19471	00000/0000	1-10027/1183	08/03/74	100	334	48.2	142.2		GGGG
14050W	6811N	1965-20202	00000/0000	1-10036/0092	03/15/75	70	3458	18.6	161.1		F
14051W	6243N	1745-20072	00000/0000	1-10027/1404	08/07/74	10	390	41.6	153.7		GGGG
14051W	6239N	1763-20064	00000/0000	1-10029/0307	08/25/74	40	641	36.2	156.0		PPPG
14052W	6812N	1731-20291	00000/0000	1-10027/0659	07/24/74	30	195	40.8	161.4		GGPG
14052W	6414N	1836-20095	00000/0000	1-10031/1031	11/06/74	70	1659	9.0	166.2		GPP
14053W	6411N	1818-20103	00000/0000	1-10031/0194	10/19/74	100	1408	14.9	165.3		GPFG
14055W	6802N	1785-20271	00000/0000	1-10030/0172	09/16/74	100	948	24.0	166.2		P PP
14056W	6652N	1946-20155	00000/0000	1-10035/1023	02/24/75	30	3193	12.3	159.5		GGGG
14056W	5841N	1815-19550	00000/0000	1-10030/1560	10/16/74	50	1366	20.7	160.4		GGGP
14056W	5837N	1797-19550	00000/0000	1-10030/0862	09/28/74	40	1115	27.3	157.7		PPPP
14057W	6532N	1819-20155	00000/0000	1-10031/0222	10/20/74	30	1422	13.4	166.7		GGPG
14057W	5849N	1959-19491	00000/0000	1-10035/0980	03/09/75	30	3374	23.3	151.3		FFGF
14057W	5847N	1833-19542	00000/0000	1-10031/0944	11/03/74	100	1617	14.6	161.9		PPP
14058W	6804N	1749-20283	00000/0000	1-10027/1641	08/11/74	80	446	36.3	162.1		GGGG
14058W	6654N	1820-20210	00000/0000	1-10031/0303	10/21/74	10	1436	11.9	168.3		GGGG
14058W	6649N	1802-20211	00000/0000	1-10030/0964	10/03/74	20	1185	18.6	166.6		GGGG
14058W	6412N	1944-20052	00000/0000	1-10035/0159	07/22/75	60	3165	13.6	156.8		GGGG
14059W	6412N	1962-20043	00000/0000	1-10035/1070	03/12/75	10	3416	20.5	156.3		GFGF
14059W	6402N	1782-20112	00000/0000	1-10030/0058	09/13/74	30	906	28.4	160.7		GGGG
14100W	6534N	1945-20104	00000/0000	1-10035/0146	02/23/75	10	3179	12.9	158.1		GGGG
14100W	5836N	1923-19504	00000/0000	1-10034/0029	02/01/75	20	2872	11.2	154.0		PPFF
14103W	6644N	1784-20215	00000/0000	1-10030/0116	09/15/74	90	934	25.5	164.3		P GG
14103W	6408N	1998-20025	00000/0000	1-10037/0283	04/17/75	90	3918	34.5	155.7		GGGG
14103W	5834N	1779-19555	00000/0000	00000/0000	09/10/74	70	864	33.9	154.4		PPPP
14104W	6652N	1730-20235	00000/0000	1-10027/0604	07/23/74	90	181	42.0	159.1		GGGG
14106W	6405N	1746-20124	00000/0000	1-10027/1518	08/08/74	60	404	40.3	155.7		PP P
14106W	5843N	1977-19482	00000/0000	1-10037/0252	03/27/75	90	3625	30.5	150.3		FFGG
14107W	5836N	1743-19571	00000/0000	1-10027/1271	08/05/74	100	362	45.0	148.0		GPFG

KEYS: CLOUD COVER %:..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BLAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14107W 5833N	1761-19563	00000/0000 1-10029/0211	08/23/74	60	613	39.9	150.9		GPPP	
14108W 7048N	1968-20364	00000/0000 1-10035/1147	03/18/75	20	3500	17.7	165.3		GGGF	
14109W 6526N	1747-20180	00000/0000 1-10027/1655	08/09/74	90	418	39.0	157.8		GGGG	
14109W 6522N	1783-20163	00000/0000 1-10030/0084	09/14/74	50	920	27.0	162.4		PGPP	
14110W 6646N	1748-20231	00000/0000 1-10027/1567	08/10/74	90	432	37.7	159.9		PGPG	
14110W 6400N	1764-20120	00000/0000 1-10029/0406	08/26/74	80	655	34.8	157.9		PGGG	
14110W 5559N	1814-19500	00000/0000 1-10030/1538	10/15/74	80	1352	23.3	158.3		GGGG	
14111W 7044N	1806-20425	00000/0000 1-10031/0073	10/07/74	60	1241	13.5	172.6		PPPP	
14111W 5839N	5013-19463	00000/0000 1-10038/0086	05/02/75	50	4127	43.3	147.9		GGFG	
14113W 6647N	5000-20132	00000/0000 1-10037/0776	04/19/75	0	3946	33.2	159.3		GGFG	
14115W 5604N	1958-19441	00000/0000 1-10035/0401	03/08/75	70	3360	24.9	149.1		GGFG	
14115W 5549N	1796-19501	00000/0000 1-10030/0810	09/27/74	60	1101	29.9	155.2		P PP	
14116W 6639N	1766-20223	00000/0000 1-10029/0559	08/28/74	100	683	32.0	161.8		G	
14116W 5558N	1850-19485	00000/0000 1-10032/0362	11/20/74	50	1854	12.4	160.3		P	
14117W 7045N	1734-20453	00000/0000 1-10027/0857	07/27/74	30	237	38.0	166.4		GGPG	
14117W 6521N	1765-20172	00000/0000 1-10029/0513	08/27/74	40	669	33.4	159.8		PGGG	
14118W 7047N	1986-20354	00000/0000 1-10036/0715	04/05/75	10	3751	24.8	165.8		FFFG	
14118W 5557N	1832-19493	00000/0000 1-10031/0850	11/02/74	100	1603	17.3	160.0		P PP	
14118W 5551N	1868-19481	00000/0000 00000/0000	12/08/74	90	2105	9.2	159.3		FFFG	
14119W 7039N	1788-20432	00000/0000 1-10030/0351	09/19/74	90	990	20.5	170.7		PPPG	
14120W 5311N	1813-19451	00000/0000 1-10030/1463	10/14/74	100	1338	25.9	156.2		G GG	
14121W 5542N	1778-19510	00000/0000 1-10029/1097	09/09/74	60	850	36.4	151.4		PPPG	
14121W 5303N	1795-19452	00000/0000 1-10030/0674	09/26/74	60	1087	32.4	152.8		PGG	
14123W 5304N	1867-19431	00000/0000 00000/0000	12/07/74	90	2091	11.6	158.0		FFFF	
14125W 6014N	1960-19542	00000/0000 1-10035/0956	03/10/75	80	3388	22.7	152.5		GFFF	
14125W 5546N	1760-19514	00000/0000 1-10029/0133	08/22/74	40	599	42.2	147.5		GGGG	
14126W 6005N	1816-20002	00000/0000 1-10030/1510	10/17/74	40	1380	19.2	161.6		GGGG	
14126W 5309N	1831-19444	00000/0000 1-10031/0779	11/01/74	90	1589	20.0	158.3		GGPP	
14126W 5308N	1849-19440	00000/0000 1-10032/0253	11/19/74	60	1840	15.0	158.8		PPPP	
14127W 5313N	1957-19392	00000/0000 1-10035/0745	03/07/75	60	3346	26.5	147.0		GGFG	
14128W 5551N	5012-19414	00000/0000 1-10038/0126	05/01/75	70	4113	44.9	144.5		FGPP	
14129W 7043N	5004-20345	00000/0000 1-10037/0343	04/23/75	20	4002	31.4	166.0		GGFG	
14129W 5548N	1742-19522	00000/0000 1-10027/1250	08/04/74	30	348	47.1	144.2		G	
14129W 5308N	1975-19384	00000/0000 1-10036/0377	03/25/75	100	3597	33.6	145.4		FGGF	
14130W 5254N	1777-19461	00000/0000 1-10029/1056	09/08/74	80	836	38.7	148.5		P PP	

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
14131W	6008N	1996-19524	00000/0000	1-10037/0305	04/15/75	60	3890	36.7	150.9		FGGF				
14131W	5258N	1759-19465	00000/0000	1-10029/0113	08/21/74	100	585	44.3	144.1		GGGG				
14132W	7036N	1770-20441	00000/0000	1-10029/0723	09/01/74	100	739	27.3	168.6		GPFG				
14132W	5955N	1780-20011	00000/0000	1-10030/0147	09/11/74	100	878	32.5	155.9		P P				
14132W	5300N	1741-19473	00000/0000	1-10027/1184	08/03/74	100	334	49.1	140.4		GGGG				
14133W	7040N	1752-20445	00000/0000	1-10027/1746	08/14/74	30	488	33.3	167.1		GGGG				
14133W	6006N	1978-19533	00000/0000	1-10037/0085	03/28/75	100	3639	29.9	151.7		FFGF				
14134W	6933N	1823-20372	00000/0000	1-10031/0478	10/24/74	90	1478	8.4	171.8		GGPG				
14134W	5956N	1762-20015	00000/0000	1-10029/0219	08/24/74	80	627	38.6	152.6		G PP				
14139W	6925N	1805-20373	00000/0000	1-10030/1104	10/06/74	10	1227	15.1	170.5		GGGG				
14141W	6127N	1817-20054	00000/0000	1-10030/1623	10/18/74	0	1394	17.6	162.8		GGGP				
14146W	6138N	1961-19594	00000/0000	1-10035/0948	03/11/75	40	3402	22.0	153.7		FGFG				
14148W	6131N	1835-20050	00000/0000	1-10031/1012	11/05/74	40	1645	11.7	163.9		GPP				
14148W	5720N	1851-19541	00000/0000	1-10032/0333	11/21/74	100	1868	11.0	161.1		GGGG				
14149W	6928N	1949-20321	00000/0000	1-10035/0457	02/27/75	80	3235	11.3	162.9		GGFG				
14150W	6128N	1943-20003	00000/0000	1-10034/0599	02/21/75	90	3151	15.3	154.4		GGGG				
14150W	5714N	1797-19553	00000/0000	1-10030/0863	09/28/74	40	1115	28.4	156.6		PPPP				
14151W	6304N	1800-20105	00000/0000	1-10030/0886	10/01/74	100	1157	22.5	162.3		GPP				
14151W	5717N	1815-19552	00000/0000	1-10030/1561	10/16/74	80	1366	21.9	159.4		GPFG				
14152W	5726N	1959-19493	00000/0000	1-10035/0981	03/09/75	50	3374	24.3	150.1		FFFF				
14152W	5723N	1833-19545	00000/0000	1-10031/0945	11/03/74	80	1617	15.8	161.0		PPP				
14154W	6129N	1979-19585	00000/0000	1-10036/0580	03/29/75	20	3653	29.3	153.0		FFGG				
14154W	5713N	1923-19511	00000/0000	1-10034/0030	02/01/75	60	2872	12.2	153.1		GGGF				
14155W	6929N	1985-20303	00000/0000	1-10036/0695	04/04/75	0	3737	25.5	163.5		GFFG				
14155W	6117N	1781-20062	00000/0000	1-10029/1178	09/12/74	80	892	31.0	157.5		G PG				
14156W	6808N	1804-20321	00000/0000	1-10030/1048	10/05/74	70	1213	16.6	168.6		PGGP				
14156W	5711N	1779-19562	00000/0000	00000/0000	09/10/74	100	864	34.9	153.0		PPP				
14158W	6122N	1745-20075	00000/0000	1-10027/1405	08/07/74	10	390	42.6	151.9		GGGG				
14158W	6118N	1763-20071	00000/0000	1-10029/0308	08/25/74	80	641	37.2	154.4		PPPG				
14158W	5435N	1814-19503	00000/0000	1-10030/1539	10/15/74	90	1352	24.4	157.3		GGGG				
14159W	6920N	1787-20380	00000/0000	1-10030/0213	09/18/74	90	976	22.1	168.4		GPFG				
14200W	5719N	1977-19484	00000/0000	1-10037/0253	03/27/75	90	3625	31.5	149.0		FFFF				
14200W	5709N	1761-19570	00000/0000	1-10029/0212	08/23/74	50	613	40.9	149.3		GPFG				
14201W	6927N	1733-20401	00000/0000	1-10027/0830	07/26/74	20	223	39.3	163.8		GPFG				
14201W	5712N	1743-19574	00000/0000	1-10027/1272	08/05/74	90	362	45.9	146.2		PGGG				

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P				
LONG	LAT		RBV	MSS						123	45678	C	C	D	D	
14203W	5425N	1796-19504	00000/0000	1-10030/0811	09/27/74	50	1101	31.0	154.1		P PP					
14204W	6925N	5003-20293	00000/0000	1-10037/0390	04/22/75	0	3988	32.1	163.6		FFFG					
14204W	5440N	1958-19444	00000/0000	1-10035/0402	03/08/75	50	3360	25.9	148.0		GGFG					
14204W	5434N	1850-19491	00000/0000	1-10032/0363	11/20/74	50	1854	13.5	159.6		P					
14205W	5715N	5013-19465	00000/0000	1-10038/0087	05/02/75	60	4127	44.3	146.1		GGFG					
14205W	5427N	1868-19483	00000/0000	00000/0000	12/08/74	100	2105	10.3	158.6		FFF					
14206W	6253N	1836-20102	00000/0000	1-10031/1032	11/06/74	30	1659	10.2	165.0		PGPP					
14206W	5432N	1832-19500	00000/0000	1-10031/0851	11/02/74	100	1603	18.5	159.1		P PP					
14207W	6918N	1769-20385	00000/0000	1-10029/0688	08/31/74	30	725	28.8	166.2		PPGG					
14207W	6250N	1818-20105	00000/0000	1-10031/0195	10/19/74	80	1408	16.1	164.1		GGFG					
14208W	6406N	1801-20162	00000/0000	1-10030/0894	10/02/74	100	1171	21.3	163.5		P PP					
14208W	5419N	1778-19513	00000/0000	1-10029/1098	09/09/74	60	850	37.4	150.0		PPGG					
14211W	6250N	1944-20055	00000/0000	1-10035/0160	02/22/75	80	3165	14.7	155.5		GGGG					
14212W	6250N	1962-20050	00000/0000	1-10035/1071	03/12/75	10	3416	21.5	154.9		GGGG					
14212W	6241N	1782-19514	00000/0000	1-10030/0059	09/13/74	40	906	29.5	159.2		GGGG					
14213W	6812N	1948-20265	00000/0000	1-10035/0361	02/26/75	30	3221	12.0	161.1		GGGG					
14215W	6815N	1966-20260	00000/0000	1-10035/1094	03/16/75	60	3472	19.0	161.1		FGFG					
14216W	6651N	1803-20265	00000/0000	1-10030/1131	10/04/74	0	1199	18.2	166.8		GGGG					
14216W	5423N	1742-19525	00000/0000	1-10027/1248	08/04/74	50	348	48.0	142.4		GPPG					
14217W	6653N	1821-20265	00000/0000	1-10031/0406	10/22/74	70	1450	11.5	168.3		PG G					
14217W	6247N	1998-20031	00000/0000	1-10037/0284	04/17/75	60	3918	35.5	154.0		GGGG					
14217W	5427N	5012-19420	00000/0000	1-10038/0127	05/01/75	70	4113	45.8	142.8		GGFG					
14218W	6411N	1819-20161	00000/0000	1-10031/0223	10/20/74	40	1422	14.6	165.4		GGGG					
14219W	6809N	1732-20345	00000/0000	1-10027/0737	07/25/74	40	209	40.6	161.3		GGGG					
14219W	6800N	1786-20325	00000/0000	1-10030/0289	09/17/74	90	962	23.6	166.3		GGGG					
14219W	6243N	1746-20131	00000/0000	1-10027/1519	08/08/74	70	404	41.3	153.8		PP P					
14221W	6413N	1945-20110	00000/0000	1-10035/0147	02/23/75	10	3179	14.0	156.7		GGGG					
14222W	6654N	1947-20214	00000/0000	1-10035/0179	02/25/75	30	3207	12.6	159.5		FFGG					
14222W	6238N	1764-20123	00000/0000	1-10029/0407	08/26/74	80	655	35.9	156.2		GGGG					
14223W	6807N	1984-20251	00000/0000	1-10036/0645	04/03/75	0	3723	26.2	161.3		FGGG					
14224W	5851N	1960-19545	00000/0000	1-10035/0957	03/10/75	100	3388	23.7	151.2		FFGG					
14224W	5845N	1834-20001	00000/0000	00000/0000	11/04/74	100	1631	14.3	161.9		P					
14225W	6805N	1750-20341	00000/0000	1-10027/1681	08/12/74	100	460	36.0	162.2		GGGG					
14225W	5842N	1816-20004	00000/0000	1-10030/1511	10/17/74	50	1380	20.3	160.5		GGGG					
14226W	6532N	1946-20162	00000/0000	1-10035/1024	02/24/75	10	3193	13.3	158.1		GGGG					

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03:20 SEP 30, '75

ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0641

PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14226W	5838N	1924-19563	00000/0000	1-10034/0503	02/02/75	50	2886	11.4	153.9		GGGG	
14227W	6533N	1820-20213	00000/0000	1-10031/0304	10/21/74	40	1436	13.1	166.8		GPPG	
14228W	6528N	1802-20213	00000/0000	1-10030/0965	10/03/74	0	1185	19.7	165.1		GGGG	
14229W	6652N	1731-20293	00000/0000	1-10027/0660	07/24/74	50	195	41.8	159.1		GPPG	
14229W	6651N	1965-20205	00000/0000	1-10036/0094	03/15/75	60	3458	19.6	159.3		GGFG	
14229W	6404N	1747-20182	00000/0000	1-10027/1656	08/09/74	80	418	40.0	155.8		GGGG	
14229W	6401N	1783-20170	00000/0000	1-10030/0085	09/14/74	40	920	28.1	160.8		GGGG	
14229W	5845N	1996-19530	00000/0000	1-10037/0306	04/15/75	100	3890	37.7	149.4		FFGG	
14230W	5832N	1780-20013	00000/0000	1-10030/0148	09/11/74	100	878	33.5	154.5		P P	
14231W	6801N	1768-20333	00000/0000	1-10029/0549	08/30/74	60	711	30.2	164.0		PGPP	
14231W	6523N	1784-20221	00000/0000	1-10030/0143	09/15/74	90	934	26.6	162.6		PG	
14232W	6642N	1785-20273	00000/0000	1-10030/0173	09/16/74	100	948	25.1	164.4		G PP	
14232W	5843N	1978-19540	00000/0000	1-10037/0086	03/28/75	100	3639	30.9	150.3		FFFF	
14232W	5833N	1762-20022	00000/0000	1-10029/0220	08/24/74	100	627	39.6	151.0		G PP	
14233W	7050N	1969-20422	00000/0000	1-10035/1181	03/19/75	20	3514	18.1	165.4		GGGG	
14233W	6804N	5020-20232	00000/0000	1-10037/0714	05/09/75	30	4225	38.4	160.9		FFGG	
14233W	6531N	1730-20242	00000/0000	1-10027/0605	07/23/74	90	181	43.1	156.9		GGPG	
14234W	7047N	1807-20484	00000/0000	1-10031/0101	10/08/74	30	1255	13.1	172.7		GGGG	
14235W	6645N	1749-20290	00000/0000	1-10027/1642	08/11/74	30	446	37.4	160.0		GGGG	
14236W	6359N	1765-20174	00000/0000	1-10029/0514	08/27/74	80	669	34.5	158.0		GPPG	
14238W	6642N	1767-20282	00000/0000	1-10029/0600	08/29/74	70	697	31.6	161.9		G GG	
14239W	6525N	1748-20234	00000/0000	1-10027/1568	08/10/74	80	432	38.7	157.9		GGPG	
14239W	5557N	1851-19543	00000/0000	1-10032/0334	11/21/74	70	1868	12.1	160.3		GGGG	
14240W	6527N	5000-20134	00000/0000	1-10037/0777	04/19/75	0	3946	34.2	157.4		GGGG	
14241W	5551N	1797-19555	00000/0000	1-10030/0864	09/28/74	40	1115	29.5	155.4		PPPP	
14242W	6519N	1766-20230	00000/0000	1-10029/0560	08/28/74	100	683	33.1	159.9		G GP	
14242W	5554N	1815-19555	00000/0000	1-10030/1562	10/16/74	70	1366	23.0	158.4		GGPG	
14243W	5559N	1833-19551	00000/0000	1-10031/0946	11/03/74	30	1617	17.0	160.1		PPP	
14243W	5550N	1869-19535	00000/0000	1-10033/0001	12/09/74	80	2119	9.1	159.2		FGGG	
14244W	6005N	1817-20060	00000/0000	1-10030/1624	10/18/74	40	1394	18.8	161.7		GGGG	
14244W	5602N	1959-19500	00000/0000	1-10035/0982	03/09/75	40	3374	25.3	149.0		FGGG	
14244W	5550N	1923-19513	00000/0000	1-10034/0031	02/01/75	60	2872	13.3	152.3		PGGG	
14244W	5312N	1814-19505	00000/0000	1-10030/1540	10/15/74	50	1352	25.6	156.4		GGGG	
14247W	5547N	1779-19564	00000/0000	00000/0000	09/10/74	80	864	36.0	151.7		PPP	
14249W	7037N	1789-20490	00000/0000	1-10030/0367	09/20/74	10	1004	20.2	170.8		GGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14249W 5316N	1958-19450	00000/0000	1-10035/0403	07/08/75	40	3360	26.9	147.0		GGFG	
14249W 5310N	1850-19494	00000/0000	1-10032/0364	11/20/74	50	1854	14.7	158.8		P	
14249W 5301N	1796-19510	00000/0000	1-10030/0812	09/27/74	70	1101	32.1	153.0		P PP	
14250W 7045N	1735-20511	00000/0000	1-10027/0895	07/28/74	90	251	37.8	166.4		GG G	
14250W 6016N	1961-20000	00000/0000	1-10035/0949	07/11/75	60	3402	23.1	152.4		FFGG	
14250W 5546N	1761-19572	00000/0000	1-10029/0213	08/23/74	100	613	41.9	147.7		GGPG	
14250W 5303N	1868-19490	00000/0000	00000/0000	12/08/74	100	2105	11.5	157.9		P FE	
14251W 6008N	1835-20052	00000/0000	1-10031/1013	11/05/74	80	1645	12.8	162.9		PP	
14251W 5556N	1977-19491	00000/0000	1-10037/0254	03/27/75	90	3625	32.5	147.7		GGGF	
14251W 5548N	1743-19580	00000/0000	1-10027/1273	08/05/74	90	362	46.9	144.4		GGGG	
14252W 6006N	1943-20005	00000/0000	1-10034/0600	02/21/75	100	3151	16.4	153.3		GGGG	
14252W 5308N	1832-19502	00000/0000	1-10031/0854	11/02/74	100	1603	19.7	158.3		PPPP	
14253W 5254N	1778-19515	00000/0000	1-10029/1099	09/09/74	90	850	38.4	148.7		PPGG	
14256W 7036N	1771-20495	00000/0000	1-10031/0005	09/02/74	90	753	27.0	168.7		PPPP	
14256W 5551N	5013-19472	00000/0000	1-10038/0088	05/02/75	70	4127	45.2	144.4		FGFG	
14257W 7040N	1753-20503	00000/0000	1-10027/1785	08/15/74	50	502	33.0	167.1		GGGG	
14257W 6006N	1979-19592	00000/0000	1-10036/0581	03/29/75	70	3653	30.3	151.6		FGGG	
14258W 5955N	1781-20065	00000/0000	1-10029/1179	09/12/74	100	892	32.1	156.1		G UP	
14258W 5257N	1760-19523	00000/0000	1-10029/0134	08/22/74	70	599	44.0	144.4		GGGG	
14300W 6141N	1800-20112	00000/0000	1-10030/0882	10/01/74	100	1157	23.7	161.0		P P	
14300W 5959N	1745-20081	00000/0000	1-10027/1406	08/07/74	60	390	43.5	150.1		GGGG	
14300W 5955N	1763-20073	00000/0000	1-10029/0309	08/25/74	90	641	38.3	152.8		PPPG	
14300W 5259N	1742-19531	00000/0000	1-10027/1249	08/04/74	70	348	48.9	140.5		GPPG	
14302W 5303N	5012-19423	00000/0000	1-10038/0128	05/01/75	70	4113	46.6	141.1		FGGG	
14305W 6931N	1824-20430	00000/0000	1-10031/0531	10/25/74	80	1492	8.1	171.8		GGGG	
14311W 6930N	1950-20375	00000/0000	1-10035/0338	02/28/75	0	3249	11.7	162.9		GGGF	
14312W 6931N	1968-20370	00000/0000	1-10035/1148	03/18/75	10	3500	18.7	163.1		GGFG	
14313W 6927N	1806-20432	00000/0000	1-10031/0074	10/07/74	60	1241	14.7	170.6		GPPG	
14315W 6130N	1836-20104	00000/0000	1-10031/1033	11/06/74	0	1659	11.4	163.9		PGG	
14315W 6128N	1818-20112	00000/0000	1-10031/0196	10/19/74	30	1408	17.3	162.9		PPGG	
14315W 5719N	1852-19595	00000/0000	1-10032/0412	11/22/74	60	1882	10.8	161.1		PPGG	
14318W 5722N	1834-20003	00000/0000	00000/0000	11/04/74	80	1631	15.5	161.0		P	
14319W 6927N	1734-20455	00000/0000	1-10027/0858	07/27/74	20	237	39.1	163.8		GPPG	
14319W 6922N	1788-20434	00000/0000	1-10030/0352	09/19/74	10	990	21.7	168.5		GGGG	
14319W 6129N	1962-20052	00000/0000	1-10035/1072	03/12/75	20	3416	22.5	153.5		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
14319W	6128N	1944-20061	00000/0000	1-10035/0161	02/22/75	80	3165	15.7	154.3		GGGG				
14319W	6119N	1782-20121	00000/0000	1-10030/0060	09/13/74	70	906	30.6	157.7		GP GG				
14319W	5728N	1960-19551	00000/0000	1-10035/0958	03/10/75	100	3388	24.7	150.1		FFF F				
14319W	5719N	1816-20011	00000/0000	1-10030/1512	10/17/74	50	1380	21.5	159.5		GP GG				
14321W	6930N	1986-20361	00000/0000	1-10036/0716	04/05/75	10	3751	25.9	163.5		FFF G				
14321W	5716N	1924-19565	00000/0000	1-10034/0504	02/02/75	60	2886	12.5	153.0		GG G P				
14322W	6244N	1801-20164	00000/0000	1-10030/0895	10/02/74	60	1171	22.4	162.1		P P P				
14323W	5722N	1996-19533	00000/0000	1-10037/0307	04/15/75	100	3890	38.7	147.8		GG GG				
14324W	5709N	1780-20020	00000/0000	1-10030/0149	09/11/74	100	878	34.6	153.2		P P				
14325W	6125N	1998-20034	00000/0000	1-10037/0285	04/17/75	80	3918	36.5	152.3		F GG G				
14326W	6815N	1823-20375	00000/0000	1-10031/0479	10/24/74	80	1478	9.6	170.1		GG P G				
14326W	5719N	1978-19542	00000/0000	1-10037/0087	03/28/75	100	3639	31.9	148.9		FFF G				
14327W	6120N	1746-20133	00000/0000	1-10027/1520	08/08/74	90	404	42.3	152.0		P G G				
14327W	5709N	1762-20024	00000/0000	1-10029/0223	08/24/74	100	627	40.6	149.5		GP PP				
14328W	6806N	1805-20380	00000/0000	1-10030/1105	10/06/74	30	1227	16.3	168.6		GG GG				
14328W	5433N	1851-19550	00000/0000	1-10032/0335	11/21/74	60	1868	13.3	159.5		P GP G				
14329W	6117N	1764-20125	00000/0000	1-10029/0408	08/26/74	90	655	36.9	154.5		GG GG				
14329W	5427N	1797-19562	00000/0000	1-10030/0865	09/28/74	50	1115	30.6	154.3		PP PP				
14330W	5427N	1869-19541	00000/0000	1-10033/0002	12/09/74	50	2119	10.2	158.5		FF GG				
14331W	6926N	5004-20351	00000/0000	1-10037/0344	04/23/75	10	4002	32.4	163.6		F G F G				
14331W	5430N	1815-19561	00000/0000	1-10030/1563	10/16/74	60	1366	24.2	157.4		GG GG				
14332W	5438N	1959-19502	00000/0000	1-10035/0983	03/09/75	50	3374	26.3	147.9		FFF F				
14332W	5435N	1833-19554	00000/0000	1-10031/0947	11/03/74	40	1617	18.1	159.2		PP P				
14332W	5426N	1923-19520	00000/0000	1-10034/0032	02/01/75	60	2872	14.3	151.5		PF PP				
14333W	6250N	1819-20164	00000/0000	1-10031/0224	10/20/74	50	1422	15.8	164.1		G PP G				
14334W	6923N	1752-20451	00000/0000	1-10027/1747	08/14/74	80	488	34.3	164.6		GG GG				
14334W	6918N	1770-20443	00000/0000	1-10029/0724	09/01/74	80	739	28.4	166.3		GG GG				
14334W	6649N	1804-20324	00000/0000	1-10030/1049	10/05/74	90	1213	17.8	166.9		GG GP				
14334W	5423N	1779-19571	00000/0000	00000/0000	09/10/74	100	864	37.0	150.4		PP P				
14336W	6251N	1945-20113	00000/0000	1-10035/0148	02/23/75	20	3179	15.0	155.5		G F G G				
14337W	5422N	1761-19575	00000/0000	1-10029/0214	08/23/74	100	613	42.8	146.2		G PP G				
14338W	5424N	1743-19583	00000/0000	1-10027/1274	08/05/74	90	362	47.7	142.6		GG GG				
14339W	6810N	1949-20323	00000/0000	1-10035/0458	02/27/75	70	3235	12.4	161.1		FFF F				
14342W	6243N	1747-20185	00000/0000	1-10027/1657	08/09/74	80	418	41.0	153.9		GG GG				
14342W	6239N	1783-20172	00000/0000	1-10030/0086	09/14/74	80	920	29.2	159.3		PP GG				

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14343W 5842N	1817-20063	00000/0000	1-10030/1625	10/18/74	50	1394	20.0	160.6		PPPG	
14344W 5427N	5013-19474	00000/0000	1-10038/0089	05/02/75	60	4127	46.1	142.7		GGFG	
14345W 6810N	1985-20305	00000/0000	1-10036/0696	04/04/75	0	3737	26.5	161.4		GGFG	
14345W 6531N	1803-20272	00000/0000	1-10030/1132	10/04/74	50	1199	19.3	165.2		GGGG	
14347W 6802N	1787-20383	00000/0000	1-10030/0214	09/18/74	80	976	23.2	166.4		PPGG	
14347W 6533N	1821-20271	00000/0000	1-10031/0407	10/22/74	100	1450	12.7	166.9		PPGG	
14348W 6411N	1946-20164	00000/0000	1-10035/1025	02/24/75	10	3193	14.4	156.7		GGGG	
14348W 6238N	1765-20181	00000/0000	1-10029/0515	08/27/74	90	669	35.6	156.3		PPGP	
14349W 6808N	1733-20403	00000/0000	1-10027/0831	07/26/74	40	223	40.4	161.3		GGGG	
14349W 6411N	1820-20215	00000/0000	1-10031/0305	10/21/74	70	1436	14.2	165.5		GP G	
14349W 6407N	1802-20220	00000/0000	1-10030/0966	10/03/74	0	1185	20.9	163.6		GGGG	
14349W 5853N	1961-20003	00000/0000	1-10035/0950	03/11/75	60	3402	24.1	151.2		PPGG	
14349W 5845N	1835-20055	00000/0000	1-10031/1014	11/05/74	90	1645	14.0	161.9		PP	
14350W 5843N	1943-20012	00000/0000	1-10034/0601	02/21/75	100	3151	17.4	152.2		GGGG	
14351W 6403N	1784-20224	00000/0000	1-10030/0117	09/15/74	90	934	27.7	161.0		P PG	
14352W 6652N	1948-20272	00000/0000	1-10035/0362	02/26/75	0	3221	13.0	159.5		GGGF	
14352W 6534N	1947-20220	00000/0000	1-10035/0180	02/25/75	60	3207	13.7	158.0		GGGG	
14353W 6410N	1730-20244	00000/0000	1-10027/0606	07/23/74	90	181	44.1	154.7		GGPG	
14354W 6806N	5003-20300	00000/0000	1-10037/0391	04/22/75	0	3988	33.2	161.4		GGFG	
14354W 6800N	1769-20391	00000/0000	1-10029/0689	08/31/74	20	725	29.9	164.1		PPGG	
14354W 6656N	1966-20263	00000/0000	1-10035/1095	03/16/75	60	3472	20.0	159.4		PPFG	
14355W 5843N	1979-19594	00000/0000	1-10036/0582	03/29/75	80	3653	31.3	150.2		GGGG	
14356W 7047N	1808-20542	00000/0000	1-10031/0135	10/09/74	90	1269	12.7	172.8		GGPG	
14356W 6649N	1732-20352	00000/0000	1-10027/0738	07/25/74	30	209	41.7	159.0		GGPG	
14356W 6641N	1786-20331	00000/0000	1-10030/0290	09/17/74	90	962	24.8	164.5		GGGG	
14356W 5832N	1781-20071	00000/0000	1-10029/1180	09/12/74	100	892	33.2	154.7		G GP	
14357W 7052N	1970-20480	00000/0000	1-10037/0020	03/20/75	40	3528	18.4	165.4		GGFG	
14357W 5836N	1745-20084	00000/0000	1-10027/1407	08/07/74	90	390	44.5	148.3		GGGG	
14358W 6532N	1731-20300	00000/0000	1-10027/0661	07/24/74	50	195	42.9	156.9		GGPG	
14358W 5833N	1763-20080	00000/0000	1-10029/0301	08/25/74	90	641	39.3	151.2		P PP	
14359W 6530N	1965-20211	00000/0000	1-10036/0095	03/15/75	10	3458	20.7	157.7		GGGG	
14400W 6522N	1785-20280	00000/0000	1-10030/0174	09/16/74	100	948	26.2	162.7		P PP	
14400W 6406N	5000-20141	00000/0000	1-10037/0778	04/19/75	0	3946	35.3	155.6		GGFG	
14400W 6404N	1748-20240	00000/0000	1-10027/1569	08/10/74	80	432	39.7	155.9		GGPG	
14401W 6647N	1984-20254	00000/0000	1-10036/0646	04/03/75	0	3723	27.2	159.4		GGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14401W 6358N	1766-20232	00000/0000	1-10029/0561	08/28/74	90	683	34.2	158.1		GP GG	
14402W 6645N	1750-20344	00000/0000	1-10027/1682	08/12/74	80	460	37.1	160.1		GG GG	
14402W 6019N	1800-20114	00000/0000	1-10030/0883	10/01/74	80	1157	24.8	159.7		G P	
14403W 6525N	1749-20292	00000/0000	1-10027/1643	08/11/74	60	446	38.4	158.0		GP GG	
14406W 6522N	1767-20284	00000/0000	1-10029/0601	08/29/74	70	697	32.7	160.1		G GG	
14407W 6641N	1768-20340	00000/0000	1-10029/0550	08/30/74	30	711	31.3	162.1		PPPP	
14407W 5556N	1852-20001	00000/0000	1-10032/0413	11/22/74	50	1882	11.9	160.3		PGGP	
14409W 5559N	1834-20010	00000/0000	00000/0000	11/04/74	90	1631	16.7	160.1		P P	
14410W 6645N	5020-20235	00000/0000	1-10037/0715	05/09/75	30	4225	39.4	158.7		PGGG	
14410W 5604N	1960-19554	00000/0000	1-10035/0959	03/10/75	100	3388	25.7	149.0		FFFF	
14410W 5555N	1816-20013	00000/0000	1-10030/1513	10/17/74	40	1380	22.6	158.5		GP GG	
14412W 5553N	1924-19572	00000/0000	1-10034/0505	02/02/75	60	2886	13.5	152.2		GG GG	
14414W 7045N	1736-20565	00000/0000	1-10027/0912	07/29/74	30	265	37.6	166.4		GG G	
14414W 5558N	1996-19535	00000/0000	1-10037/0308	04/15/75	100	3890	39.6	146.3		FFGG	
14414W 5308N	1851-19552	00000/0000	1-10032/0336	11/21/74	60	1868	14.5	158.8		GGGG	
14414W 5302N	1797-19564	00000/0000	1-10030/0866	09/28/74	60	1115	31.7	153.2		PPPP	
14415W 5546N	1780-20022	00000/0000	1-10030/0150	09/11/74	100	878	35.6	151.9		P G	
14415W 5303N	1869-19544	00000/0000	1-10033/0003	12/09/74	80	2119	11.4	157.8		FGFG	
14416W 5313N	1959-19505	00000/0000	1-10035/0984	03/09/75	30	3374	27.3	146.8		FFFF	
14416W 5306N	1815-19564	00000/0000	1-10030/1564	10/16/74	40	1366	25.3	156.5		PPGP	
14417W 6007N	1836-20111	00000/0000	1-10031/1034	11/06/74	50	1659	12.6	162.9		PPP	
14417W 5556N	1978-19545	00000/0000	1-10037/0088	03/28/75	100	3639	32.9	147.6		FGFG	
14418W 7037N	1790-20544	00000/0000	1-10030/0574	09/21/74	90	1018	19.8	170.8		G GG	
14418W 6005N	1818-20114	00000/0000	1-10031/0197	10/19/74	70	1408	18.5	161.8		PPGG	
14418W 5545N	1762-20031	00000/0000	1-10029/0224	08/24/74	100	627	41.6	147.9		GPPP	
14418W 5311N	1833-19560	00000/0000	1-10031/0948	11/03/74	60	1617	19.3	158.4		PPPP	
14418W 5302N	1923-19522	00000/0000	1-10034/0033	02/01/75	70	2872	15.4	150.7		FGFG	
14419W 5259N	1779-19573	00000/0000	00000/0000	09/10/74	100	864	38.0	149.0		PPP	
14421W 5956N	1782-20123	00000/0000	1-10030/0061	09/13/74	100	906	31.7	156.3		GP GP	
14422W 6006N	1962-20055	00000/0000	1-10035/1073	03/12/75	50	3416	23.6	152.3		FFFG	
14422W 6005N	1944-20064	00000/0000	1-10035/0162	02/22/75	50	3165	16.7	153.2		GGGG	
14422W 5258N	1761-19581	00000/0000	1-10029/0215	08/23/74	80	613	43.8	144.6		PPPP	
14423W 5300N	1743-19585	00000/0000	1-10027/1275	08/05/74	100	362	48.6	140.7		GP GG	
14427W 6002N	1998-20040	00000/0000	1-10037/0286	04/17/75	90	3918	37.5	150.7		FGFG	
14428W 7034N	1772-20553	00000/0000	1-10029/0837	09/03/74	50	767	26.6	168.8		GGGP	

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OF POOR QUALITY

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14428W	5303N	5013-19481	00000/0000	1-10038/0090	05/02/75	40	4127	46.9	140.9		GGFG	
14430W	6929N	1825-20485	00000/0000	1-10031/0890	10/26/74	70	1506	7.8	171.8		PGPG	
14430W	6122N	1801-20171	00000/0000	1-10030/0896	10/02/74	20	1171	23.5	160.8		G PG	
14430W	5957N	1746-20140	00000/0000	1-10027/1521	08/08/74	80	404	43.3	150.2		PP G	
14430W	5954N	1764-20132	00000/0000	1-10029/0409	08/26/74	90	655	37.9	153.0		PGGG	
14433W	7036N	1754-20561	00000/0000	1-10027/1895	08/16/74	70	516	32.7	167.1		GGGP	
14436W	6928N	1951-20433	00000/0000	1-10036/0001	03/01/75	0	3263	12.1	162.9		FGGF	
14437W	6932N	1969-20424	00000/0000	1-10035/1182	03/19/75	60	3514	19.1	163.2		GGGG	
14437W	6929N	1807-20490	00000/0000	1-10031/0102	10/08/74	10	1255	14.3	170.7		GGGG	
14438W	5719N	1817-20065	00000/0000	1-10030/1626	10/18/74	40	1394	21.1	159.6		GGGP	
14441W	6128N	1819-20170	00000/0000	1-10031/0225	10/20/74	20	1422	16.9	163.0		GGGG	
14441W	5718N	1853-20053	00000/0000	1-10032/0180	11/23/74	70	1896	10.5	161.0		PGGG	
14444W	6130N	1945-20115	00000/0000	1-10035/0149	02/23/75	30	3179	16.0	154.3		GGGF	
14444W	5721N	1835-20061	00000/0000	1-10031/1015	11/05/74	80	1645	15.2	161.0		PP	
14445W	5720N	1943-20014	00000/0000	1-10034/0602	02/21/75	90	3151	18.4	151.2		GGGG	
14449W	6920N	1789-20493	00000/0000	1-10030/0368	09/20/74	10	1004	21.3	168.6		GGGG	
14449W	6117N	1783-20175	00000/0000	1-10030/0087	09/14/74	100	920	30.3	157.8		GPPG	
14449W	5719N	1979-20001	00000/0000	1-10036/0583	03/29/75	50	3653	32.3	148.9		GGFF	
14450W	6121N	1747-20191	00000/0000	1-10027/1658	08/09/74	80	418	42.0	152.1		GGGG	
14450W	5708N	1781-20074	00000/0000	1-10029/1181	09/12/74	100	892	34.2	153.4		G GP	
14451W	5713N	1745-20090	00000/0000	1-10027/1408	08/07/74	90	390	45.4	146.5		GGGG	
14452W	6928N	1735-20513	00000/0000	1-10027/0896	07/28/74	90	251	38.9	163.8		GG G	
14453W	5710N	1763-20082	00000/0000	1-10029/0302	08/25/74	100	641	40.3	149.7		P PP	
14455W	6116N	1765-20183	00000/0000	1-10029/0516	08/27/74	90	669	36.6	154.7		GGGP	
14455W	5432N	1852-20004	00000/0000	1-10032/0414	11/22/74	50	1882	13.1	159.5		PGPG	
14456W	6928N	5059-20380	00000/0000	1-10039/0134	06/17/75	80	4769	43.0	160.5		GGGG	
14456W	6812N	1824-20433	00000/0000	1-10031/0532	10/25/74	90	1492	9.3	170.0		PPPP	
14457W	6919N	1771-20501	00000/0000	1-10031/0006	09/02/74	60	753	28.1	166.4		PPPG	
14457W	5440N	1960-19560	00000/0000	1-10035/0960	03/10/75	70	3388	26.7	147.9		FGFG	
14457W	5431N	1816-20020	00000/0000	1-10030/1514	10/17/74	20	1380	23.8	157.6		GPGG	
14458W	6922N	1753-20505	00000/0000	1-10027/1786	08/15/74	80	502	34.0	164.7		GGGP	
14458W	5435N	1834-20012	00000/0000	00000/0000	11/04/74	90	1631	17.9	159.3		PPP	
14500W	5429N	1924-19574	00000/0000	1-10034/0506	02/02/75	60	2886	14.6	151.4		GGGG	
14501W	5856N	1800-20121	00000/0000	1-10030/0887	10/01/74	70	1157	25.9	158.5		GPPP	
14502W	6813N	1968-20373	00000/0000	1-10035/1149	03/18/75	0	3500	19.8	161.2		GGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D /
14502W 6812N	1950-20382	00000/0000	1-10035/0339	02/28/75	10	3249	12.7	161.1		GGGG	
14502W 6414N	1839-20270	00000/0000	1-10031/0919	11/09/74	80	1701	8.1	166.2		PPP	
14502W 6250N	1946-20171	00000/0000	1-10035/1026	02/24/75	30	3193	15.4	155.4		GGGG	
14502W 6246N	1802-20222	00000/0000	1-10030/0967	10/03/74	0	1185	22.0	162.3		GGPG	
14503W 6809N	1806-20434	00000/0000	1-10031/0075	10/07/74	70	1241	15.9	168.7		GP P	
14503W 6241N	1784-20230	00000/0000	1-10030/0118	09/15/74	100	934	28.8	159.5		P PG	
14503W 5434N	1996-19542	00000/0000	1-10037/0309	04/15/75	100	3890	40.5	144.8		GGGG	
14503W 5422N	1780-20025	00000/0000	1-10030/0151	09/11/74	100	878	36.7	150.6		P G	
14504W 6529N	1804-20330	00000/0000	1-10030/1050	10/05/74	90	1213	18.9	165.3		PGGP	
14504W 6250N	1820-20222	00000/0000	1-10031/0306	10/21/74	90	1436	15.4	164.2		GPPG	
14505W 5432N	1978-19551	00000/0000	1-10037/0089	03/28/75	100	3639	33.8	146.3		FFGG	
14505W 5420N	1762-20033	00000/0000	1-10029/0225	08/24/74	100	627	42.5	146.4		PGPP	
14506W 6647N	1805-20382	00000/0000	1-10030/1106	10/06/74	50	1227	17.4	166.9		PGGG	
14506W 6410N	1803-20274	00000/0000	1-10030/1133	10/04/74	100	1199	20.5	163.8		GGG	
14506W 6249N	1730-20251	00000/0000	1-10027/0607	07/23/74	90	181	45.1	152.7		GGPG	
14507W 6656N	1823-20381	00000/0000	1-10031/0480	10/24/74	80	1478	10.8	168.5		GGPG	
14508W 6803N	1788-20441	00000/0000	1-10030/0353	09/19/74	70	990	22.8	166.6		GPGG	
14509W 6809N	1734-20462	00000/0000	1-10027/0859	07/27/74	20	237	40.2	161.4		GGPG	
14509W 6412N	1821-20274	00000/0000	1-10031/0408	10/22/74	80	1450	13.9	165.5		GGGG	
14511W 6811N	1986-20363	00000/0000	1-10036/0717	04/05/75	0	3751	26.9	161.4		FGGG	
14512W 6244N	5000-20143	00000/0000	1-10037/0779	04/19/75	20	3946	36.3	153.8		GFFG	
14513W 6413N	1947-20223	00000/0000	1-10035/0181	02/25/75	70	3207	14.7	156.7		GF GF	
14513W 6242N	1748-20243	00000/0000	1-10027/1570	08/10/74	60	432	40.8	154.0		PPGG	
14514W 6237N	1766-20235	00000/0000	1-10029/0562	08/28/74	100	683	35.2	156.5		GP GG	
14515W 5844N	1836-20113	00000/0000	1-10031/1035	11/06/74	50	1659	13.7	162.0		PPG	
14517W 6650N	1949-20330	00000/0000	1-10035/0459	02/27/75	80	3235	13.4	159.4		GF FG	
14517W 5842N	1818-20121	00000/0000	1-10031/0198	10/19/74	80	1408	19.6	160.7		PGGP	
14517W 5834N	1782-20130	00000/0000	1-10030/0062	09/13/74	100	906	32.8	154.9		GP GG	
14519W 6410N	1731-20302	00000/0000	1-10027/0662	07/24/74	90	195	43.9	154.8		GGPG	
14519W 6401N	1785-20282	00000/0000	1-10030/0175	09/16/74	70	948	27.4	161.1		G P	
14520W 6409N	1965-20214	00000/0000	1-10036/0096	03/15/75	0	3458	21.7	156.2		GGGG	
14520W 5844N	1962-20061	00000/0000	1-10035/1074	03/12/75	50	3416	24.6	151.0		FGFF	
14520W 5842N	1944-20070	00000/0000	1-10035/0163	02/22/75	40	3165	17.8	152.1		GQGG	
14521W 7049N	1809-21000	00000/0000	1-10030/1238	10/10/74	70	1283	12.3	173.0		GP PP	
14521W 6807N	5004-20354	00000/0000	1-10037/0345	04/23/75	0	4002	33.5	161.4		GGFG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS			
LONG	LAT											RBV	MSS	B	P
										123	45678	C	C	D	D
14521W	6532N	1948-20274	00000/0000	1-10035/0363	02/26/75	50	3221	14.1	158.0		FFGF				
14522W	6805N	1752-20454	00000/0000	1-10027/1748	08/14/74	80	488	35.4	162.4		GGGG				
14522W	6759N	1770-20450	00000/0000	1-10029/0725	09/01/74	10	739	29.5	164.2		GP GG				
14523W	6642N	1787-20385	00000/0000	1-10030/0215	09/18/74	10	976	24.4	164.6		GP GP				
14523W	6404N	1749-20295	00000/0000	1-10027/1644	08/11/74	90	446	39.5	156.0		GGGG				
14524W	6650N	1985-20312	00000/0000	1-10036/0697	04/04/75	0	3737	27.6	159.5		FG FG				
14524W	6535N	1966-20265	00000/0000	1-10035/1096	03/16/75	20	3472	21.1	157.7		GGGG				
14524W	6520N	1786-20334	00000/0000	1-10030/0291	09/17/74	50	962	25.9	162.8		GGGG				
14524W	6401N	1767-20291	00000/0000	1-10029/0602	08/29/74	50	697	33.8	158.3		G GG				
14525W	7050N	1971-20534	00000/0000	1-10036/0186	03/21/75	70	3542	18.9	165.4		GGFG				
14525W	6528N	1732-20354	00000/0000	1-10027/0739	07/25/74	60	209	42.7	156.8		GGPG				
14525W	5839N	1998-20043	00000/0000	1-10037/0287	04/17/75	70	3918	38.5	149.1		GGGG				
14526W	6649N	1733-20410	00000/0000	1-10027/0832	07/26/74	10	223	41.4	159.1		GGGG				
14527W	5835N	1746-20142	00000/0000	1-10027/1522	08/08/74	50	404	44.2	148.4		PP P				
14527W	5831N	1764-20134	00000/0000	1-10029/0410	08/26/74	80	655	39.0	151.4		GGGG				
14529W	6527N	1984-20260	00000/0000	1-10036/0647	04/03/75	0	3723	28.3	157.6		GGGG				
14529W	6524N	1750-20350	00000/0000	1-10027/1683	08/12/74	90	460	38.1	158.1		GGGG				
14530W	5555N	1817-20072	00000/0000	1-10030/1627	10/18/74	30	1394	22.3	158.6		PGPG				
14531W	6640N	1769-20394	00000/0000	1-10029/0690	08/31/74	10	725	31.0	162.2		GPLG				
14532W	6647N	5003-20302	00000/0000	1-10037/0392	04/22/75	0	3988	34.2	159.3		GGFG				
14532W	5554N	1853-20060	00000/0000	1-10032/0181	11/23/74	40	1896	11.7	160.2		GGGG				
14533W	6000N	1801-20173	00000/0000	1-10030/0897	10/02/74	40	1171	24.7	159.6		G PP				
14534W	6521N	1768-20342	00000/0000	1-10029/0551	08/30/74	10	711	32.4	160.2		PP P				
14535W	5558N	1835-20064	00000/0000	1-10031/1016	11/05/74	70	1645	16.4	160.2		PP				
14536W	5556N	1943-20021	00000/0000	1-10034/0603	02/21/75	60	3151	19.4	150.2		GGGG				
14538W	6524N	5020-20241	00000/0000	1-10037/0716	05/09/75	60	4225	40.4	156.6		FGGG				
14540W	5556N	1979-20003	00000/0000	1-10036/0584	03/29/75	30	3653	33.3	147.6		GGFF				
14540W	5545N	1781-20080	00000/0000	1-10029/1182	09/12/74	100	892	35.3	152.1		G GP				
14540W	5308N	1852-20010	00000/0000	1-10032/0415	11/22/74	60	1882	14.3	158.8		PGGP				
14541W	7045N	1737-21023	00000/0000	1-10028/0062	07/30/74	20	279	37.3	166.5		PP P				
14541W	5549N	1745-20093	00000/0000	1-10027/1409	08/07/74	80	390	46.4	144.7		GGGG				
14543W	5316N	1960-19563	00000/0000	1-10035/0961	03/10/75	40	3388	27.6	146.8		FFFG				
14543W	5313N	1942-19572	00000/0000	1-10034/0628	02/20/75	100	3137	21.0	148.5		GGGG				
14543W	5310N	1834-20015	00000/0000	00000/0000	11/04/74	90	1631	19.0	158.5		P				
14543W	5307N	1816-20022	00000/0000	1-10030/1515	10/17/74	20	1380	24.9	156.6		GGGG				

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14544W 7039N	1791-21002	00000/0000	1-10030/0500	09/22/74	70	1032	19.4	171.0		G PG	
14544W 5546N	1763-20085	00000/0000	1-10029/0310	08/25/74	100	641	41.3	148.1		GPPG	
14545W 6005N	1819-20173	00000/0000	1-10031/0226	10/20/74	70	1422	18.1	161.9		GGPG	
14545W 5304N	1924-19581	00000/0000	1-10034/0507	07/02/75	60	2886	15.6	150.6		GGGG	
14546W 6007N	1945-20122	00000/0000	1-10035/0150	02/23/75	70	3179	17.1	153.1		GGGF	
14547W 5258N	1780-20031	00000/0000	1-10030/0152	09/11/74	100	878	37.7	149.3		P R	
14548W 7036N	1773-21011	00000/0000	1-10029/0871	09/04/74	0	781	26.2	169.0		GGGG	
14548W 5310N	1996-19544	00000/0000	1-10037/0310	04/15/75	90	3890	41.5	143.3		GGGG	
14549W 5256N	1762-20040	00000/0000	1-10029/0226	08/24/74	100	627	43.5	144.8		GPPP	
14551W 5955N	1783-20181	00000/0000	1-10030/0088	09/14/74	100	920	31.4	156.5		GGGG	
14552W 5958N	1747-20194	00000/0000	1-10027/1659	08/09/74	80	418	43.0	150.3		GGGG	
14555W 7036N	1755-21015	00000/0000	1-10028/0034	08/17/74	100	530	32.4	167.2		GGGP	
14555W 6929N	1826-20543	00000/0000	1-10031/0609	10/27/74	50	1520	7.4	171.8		G PP	
14556W 5953N	1765-20190	00000/0000	1-10029/0517	08/27/74	100	669	37.6	153.1		GPPP	
14556W 5733N	1800-20123	00000/0000	1-10030/0888	10/01/74	70	1157	27.1	157.4		GPPP	
14559W 6930N	1808-20544	00000/0000	1-10031/0136	10/09/74	70	1269	13.9	170.8		GPGG	
14602W 6935N	1970-20482	00000/0000	1-10037/0021	03/20/75	60	3528	19.5	163.2		FGFG	
14604W 6930N	1952-20491	00000/0000	1-10035/0568	03/02/75	0	3277	12.4	162.9		FGGG	
14609W 6123N	1802-20225	00000/0000	1-10030/0968	10/03/74	0	1185	23.2	161.0		GGGG	
14609W 5721N	1836-20120	00000/0000	1-10031/1036	11/06/74	60	1659	14.9	161.1		PPG	
14610W 6119N	1784-20233	00000/0000	1-10030/0119	09/15/74	100	934	29.9	158.0		P PG	
14611W 6128N	1946-20173	00000/0000	1-10035/1027	07/24/75	60	3193	16.4	154.2		GFGG	
14611W 5711N	1782-20132	00000/0000	1-10030/0063	09/13/74	100	906	33.9	153.6		GPGG	
14612W 6127N	1820-20224	00000/0000	1-10031/0307	10/21/74	90	1436	16.6	163.1		GPPG	
14612W 5719N	1818-20123	00000/0000	1-10031/0199	10/19/74	90	1408	20.8	159.7		GGGP	
14614W 6127N	1730-20253	00000/0000	1-10027/0608	07/23/74	80	181	46.0	150.7		GPPG	
14615W 5720N	1962-20064	00000/0000	1-10035/1075	03/12/75	70	3416	25.6	149.9		FFGG	
14616W 6927N	1736-20572	00000/0000	1-10027/0913	07/29/74	40	265	38.6	163.9		GG G	
14617W 6252N	1839-20272	00000/0000	1-10031/0920	11/09/74	80	1701	9.3	165.0		PPP	
14618W 6919N	1790-20551	00000/0000	1-10030/0575	09/21/74	90	1018	21.0	168.7		G GG	
14618W 5432N	1817-20074	00000/0000	1-10030/1628	10/18/74	60	1394	23.4	157.7		GGGP	
14619W 6122N	5000-20150	00000/0000	1-10037/0780	04/19/75	30	3946	37.3	152.2		GGFG	
14619W 6120N	1748-20245	00000/0000	1-10027/1571	08/10/74	10	432	41.8	152.2		PPGG	
14619W 5715N	1998-20045	00000/0000	1-10037/0288	04/17/75	90	3918	39.5	147.5		GGGG	
14619W 5712N	1746-20145	00000/0000	1-10027/1523	08/08/74	60	404	45.2	146.6		PP P	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
14620W	5708N	1764-20141	00000/0000	1-10029/0411	08/26/74	100	655	40.0	149.9		PGGG					
14620W	5429N	1853-20062	00000/0000	1-10032/0182	11/23/74	70	1896	12.9	159.5		GPGG					
14621W	6811N	1825-20491	00000/0000	1-10031/0891	10/26/74	70	1506	9.0	170.1		GGPP					
14621W	6249N	1803-20281	00000/0000	1-10030/1134	10/04/74	100	1199	21.6	162.4		GPG					
14621W	6114N	1766-20241	00000/0000	1-10029/0563	08/28/74	60	683	36.3	154.9		GGGG					
14622W	6927N	5060-20434	00000/0000	1-10039/0005	06/18/75	90	4783	43.1	160.4		GFGG					
14623W	6250N	1821-20280	00000/0000	1-10031/0409	10/22/74	70	1450	15.1	164.3		GGGG					
14623W	5441N	1961-20014	00000/0000	1-10035/0951	03/11/75	70	3402	27.0	147.8		FFGG					
14623W	5434N	1835-20070	00000/0000	1-10031/1017	11/05/74	70	1645	17.6	159.3		PP					
14624W	5432N	1943-20023	00000/0000	1-10034/0604	02/21/75	60	3151	20.4	149.3		GGGG					
14625W	6408N	1804-20333	00000/0000	1-10030/1051	10/05/74	100	1213	20.1	163.9		GGG					
14626W	6811N	1807-20493	00000/0000	1-10031/0103	10/08/74	20	1255	15.5	168.9		GGGG					
14626W	6809N	1951-20440	00000/0000	1-10036/0002	03/01/75	0	3263	13.1	161.1		GGGG					
14627W	6814N	1969-20431	00000/0000	1-10035/1183	03/19/75	20	3514	20.2	161.2		GGGG					
14627W	5421N	1781-20083	00000/0000	1-10029/1183	09/12/74	100	892	36.3	150.8		G PP					
14628W	6916N	1772-20560	00000/0000	1-10029/0838	09/03/74	30	767	27.7	166.5		GGGG					
14628W	6251N	1947-20225	00000/0000	1-10035/0182	02/25/75	80	3207	15.8	155.4		GGGF					
14628W	5432N	1979-20010	00000/0000	1-10036/0585	03/29/75	30	3653	34.2	146.3		GGGF					
14629W	5424N	1745-20095	00000/0000	1-10027/1410	08/07/74	80	390	47.2	142.9		GGGG					
14631W	6414N	1840-20324	00000/0000	1-10031/1148	11/10/74	0	1715	7.8	166.2		PPGP					
14632W	6239N	1785-20285	00000/0000	1-10030/0183	09/16/74	40	948	28.5	159.6		PPPG					
14632W	5837N	1801-20180	00000/0000	1-10030/0898	10/02/74	60	1171	25.8	158.4		G GP					
14632W	5422N	1763-20091	00000/0000	1-10029/0311	08/25/74	100	641	42.2	146.6		GP G					
14633W	6918N	1754-20564	00000/0000	1-10027/1894	08/16/74	50	516	33.8	164.7		G PG					
14633W	6248N	1731-20305	00000/0000	1-10027/0663	07/24/74	100	195	44.9	152.7		GGPG					
14634W	6652N	1824-20435	00000/0000	1-10031/0533	10/25/74	100	1492	10.5	168.5		GGPP					
14634W	6247N	1965-20220	00000/0000	1-10036/0097	03/15/75	0	3458	22.8	154.7		GGGF					
14635W	6527N	1805-20385	00000/0000	1-10030/1107	10/06/74	80	1227	18.6	165.4		GGGG					
14635W	6242N	1749-20301	00000/0000	1-10027/1645	08/11/74	90	446	40.5	154.2		GGGG					
14637W	6536N	1823-20384	00000/0000	1-10031/0481	10/24/74	40	1478	12.0	167.0		GGPG					
14637W	6241N	1767-20293	00000/0000	1-10029/0603	08/29/74	50	697	34.9	156.7		G GG					
14638W	7049N	1810-21055	00000/0000	1-10030/1285	10/11/74	80	1297	11.9	173.1		PPGG					
14638W	6802N	1789-20495	00000/0000	1-10030/0369	09/20/74	90	1004	22.5	166.7		GGPG					
14641W	6809N	1735-20520	00000/0000	1-10027/0897	07/28/74	90	251	39.9	161.4		GG G					
14641W	6652N	1950-20384	00000/0000	1-10035/0340	02/28/75	40	3249	13.8	159.4		GGGG					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C U D
14641W 6649N	1806-20441	00000/0000	1-10031/0076	10/07/74	100	1241	17.0	167.1		GPPP	
14642W 6653N	1968-20375	00000/0000	1-10035/1150	03/18/75	10	3500	20.8	159.4		GGGG	
14642W 6411N	1948-20281	00000/0000	1-10035/0364	02/26/75	40	3221	15.1	156.6		GGGG	
14644W 6809N	5059-20383	00000/0000	1-10039/0135	06/17/75	60	4769	44.0	157.9		GGGG	
14644W 5842N	1819-20175	00000/0000	1-10031/0227	10/20/74	70	1422	19.3	160.8		GGPG	
14645W 6759N	1771-20504	00000/0000	1-10031/0007	09/02/74	20	753	29.2	164.3		PPPG	
14645W 6644N	1788-20443	00000/0000	1-10030/0354	09/19/74	80	990	24.0	164.8		PPGG	
14645W 6414N	1966-20272	00000/0000	1-10035/1097	03/16/75	30	3472	22.1	156.2		GGGG	
14645W 6407N	1732-20361	00000/0000	1-10027/0740	07/25/74	50	209	43.7	154.7		GGGG	
14645W 6359N	1786-20340	00000/0000	1-10030/0292	09/17/74	20	962	27.0	161.2		GGGG	
14645W 5844N	1945-20124	00000/0000	1-10035/0151	02/23/75	50	3179	18.1	152.1		GGGG	
14646W 6803N	1753-20512	00000/0000	1-10027/1787	08/15/74	60	502	35.1	162.5		GGGP	
14647W 6649N	1734-20464	00000/0000	1-10027/0860	07/27/74	10	237	41.2	159.1		PPPG	
14647W 6530N	1949-20332	00000/0000	1-10035/0460	02/27/75	20	3235	14.5	157.9		GGGG	
14647W 5832N	1783-20184	00000/0000	1-10030/0089	09/14/74	100	920	32.5	155.1		PGGG	
14648W 6403N	1750-20353	00000/0000	1-10027/1684	08/12/74	90	460	39.2	156.1		PGGG	
14649W 6651N	1986-20370	00000/0000	1-10036/0718	04/05/75	30	3751	28.0	159.5		FGGG	
14649W 6406N	1984-20263	00000/0000	1-10036/0648	04/03/75	0	3723	29.3	155.9		GGGG	
14649W 5835N	1747-20200	00000/0000	1-10027/1660	08/09/74	90	418	44.0	148.5		GGGG	
14649W 5609N	1800-20130	00000/0000	1-10030/0889	10/01/74	80	1157	28.2	156.3		GPPP	
14651W 6522N	1787-20392	00000/0000	1-10030/0216	09/18/74	10	976	25.5	163.0		PPGG	
14652W 6530N	1985-20314	00000/0000	1-10036/0698	04/04/75	30	3737	28.6	157.7		FGFG	
14653W 5830N	1765-20192	00000/0000	1-10029/0518	08/27/74	70	669	38.6	151.6		PPGP	
14654W 6528N	1733-20412	00000/0000	1-10027/0833	07/26/74	40	223	42.5	156.9		GGGG	
14654W 6359N	1768-20345	00000/0000	1-10029/0552	08/30/74	20	711	33.5	158.5		PPPG	
14657W 6403N	5020-20244	00000/0000	1-10037/0717	05/09/75	70	4225	41.4	154.6		FGGG	
14658W 7051N	1972-20592	00000/0000	1-10036/0202	03/22/75	60	3556	19.2	165.5		FGFF	
14659W 6647N	5004-20360	00000/0000	1-10037/0346	04/23/75	0	4002	34.5	159.3		GGPG	
14659W 6520N	1769-20400	00000/0000	1-10029/0691	08/31/74	30	725	32.1	160.3		PPGG	
14700W 6644N	1752-20460	00000/0000	1-10027/1749	08/14/74	90	488	36.5	160.3		GGGG	
14700W 6641N	1770-20452	00000/0000	1-10029/0726	09/01/74	20	739	30.6	162.3		GGGG	
14700W 6527N	5003-20305	00000/0000	1-10037/0393	04/22/75	0	3988	35.3	157.4		GGFF	
14700W 5557N	1836-20122	00000/0000	1-10031/1037	11/06/74	80	1659	16.1	160.2		PPG	
14703W 7046N	1738-21081	00000/0000	1-10027/1003	07/31/74	80	293	37.1	166.5		P P	
14703W 5555N	1818-20130	00000/0000	1-10031/0200	10/19/74	90	1408	21.9	158.8		GGPG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C O D
14703W 5547N	1782-20135	00000/0000	1-10030/0064	09/13/74	90	906	34.9	152.3		GPPG	
14704W 5308N	1817-20081	00000/0000	1-10030/1629	10/18/74	60	1394	24.6	156.8		GGGG	
14706W 5555N	1944-20075	00000/0000	1-10035/0164	02/22/75	80	3165	19.8	150.1		GGGF	
14706W 5305N	1853-20065	00000/0000	1-10032/0183	11/23/74	60	1896	14.1	158.8		GPP	
14707W 5556N	1962-20070	00000/0000	1-10035/1076	03/12/75	70	3416	26.6	148.7		FGTG	
14708W 7037N	1792-21061	00000/0000	1-10030/0516	09/23/74	70	1046	19.0	171.0		GPGG	
14708W 5309N	1835-20073	00000/0000	1-10031/1018	11/05/74	70	1645	18.7	158.5		PP	
14709W 5549N	1746-20151	00000/0000	1-10027/1524	08/08/74	70	404	46.1	144.9		PPPP	
14709W 5317N	1961-20021	00000/0000	1-10035/0952	03/11/75	80	3402	28.0	146.7		FFTG	
14710W 6001N	1802-20231	00000/0000	1-10030/0969	10/03/74	20	1185	24.3	159.8		PGGG	
14710W 5552N	1998-20052	00000/0000	1-10037/0289	04/17/75	80	3918	40.4	146.0		GGGF	
14710W 5544N	1764-20143	00000/0000	1-10029/0412	08/26/74	100	655	40.9	148.3		GGGG	
14710W 5308N	1943-20030	00000/0000	1-10034/0605	02/21/75	90	3151	21.4	148.3		GGGG	
14711W 5957N	1784-20235	00000/0000	1-10030/0129	09/15/74	90	934	31.0	156.7		PPPG	
14712W 5257N	1781-20085	00000/0000	1-10029/1187	09/12/74	100	892	37.4	149.5		GPGP	
14714W 6005N	1946-20180	00000/0000	1-10035/1028	02/24/75	100	3193	17.5	153.1		PPGF	
14714W 5307N	1979-20012	00000/0000	1-10036/0586	03/29/75	30	3653	35.2	145.0		GFGF	
14714W 5300N	1745-20102	00000/0000	1-10027/1411	08/07/74	100	390	48.1	141.1		GGGG	
14715W 7036N	1774-21065	00000/0000	1-10029/0982	09/05/74	20	795	25.8	169.0		PPGG	
14715W 6005N	1820-20231	00000/0000	1-10031/0308	10/21/74	100	1436	17.8	162.0		GPPG	
14716W 6004N	1730-20260	00000/0000	1-10027/0609	07/23/74	40	181	47.0	148.7		GGPG	
14716W 5257N	1763-20094	00000/0000	1-10029/0303	08/25/74	100	641	43.2	145.1		P G	
14718W 7036N	1756-21074	00000/0000	1-10027/1808	08/18/74	100	544	32.1	167.3		GGGG	
14720W 5957N	1748-20252	00000/0000	1-10027/1572	08/10/74	40	432	42.7	150.4		PPP	
14722W 5959N	5000-20152	00000/0000	1-10037/0781	04/19/75	30	3946	38.3	150.5		GGFF	
14722W 5951N	1766-20244	00000/0000	1-10029/0564	08/28/74	90	683	37.3	153.3		GGGG	
14724W 6932N	1809-21003	00000/0000	1-10030/1239	10/10/74	70	1283	13.5	170.9		GPPP	
14725W 6931N	1827-21001	00000/0000	1-10031/0042	10/28/74	90	1534	7.1	171.8		PGGP	
14726W 6130N	1839-20275	00000/0000	1-10031/0921	11/09/74	70	1701	10.5	164.0		PGPP	
14726W 5714N	1801-20182	00000/0000	1-10030/0899	10/02/74	70	1171	26.9	157.3		G GG	
14730W 6933N	1971-20541	00000/0000	1-10036/0187	03/21/75	70	3542	19.9	163.2		GFFG	
14730W 6127N	1803-20283	00000/0000	1-10030/1135	10/04/74	100	1199	22.8	161.1		GGP	
14731W 6127N	1821-20283	00000/0000	1-10031/0410	10/22/74	50	1450	16.2	163.1		GGGG	
14736W 6129N	1947-20232	00000/0000	1-10035/0183	02/25/75	90	3207	16.8	154.2		GGGG	
14738W 5445N	1800-20132	00000/0000	1-10030/0890	10/01/74	70	1157	29.3	155.2		PPPP	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D			
LONG	LAT		RBV	MSS								C	C	D	D
14739W	6247N	1804-20335	00000/0000	1-10030/1052	10/05/74	100	1213	21.2	162.5		PGG				
14739W	6117N	1785-20291	00000/0000	1-10030/0176	09/16/74	70	948	29.6	158.2		G G				
14739W	5718N	1819-20182	00000/0000	1-10031/0228	10/20/74	100	1422	20.4	159.8		PGP				
14740W	5721N	1945-20131	00000/0000	1-10035/0152	02/23/75	50	3179	19.1	151.0		GGGG				
14741W	6126N	1731-20311	00000/0000	1-10027/0664	07/24/74	100	195	45.8	150.7		GGPG				
14741W	5709N	1783-20190	00000/0000	1-10030/0090	09/14/74	90	920	33.5	153.8		GPGG				
14742W	6120N	1749-20304	00000/0000	1-10027/1646	08/11/74	80	446	41.5	152.3		GGGG				
14742W	5712N	1747-20203	00000/0000	1-10027/1661	08/09/74	80	418	44.9	146.8		GGGG				
14743W	6927N	1737-21030	00000/0000	1-10028/0063	07/30/74	40	279	38.4	163.9		PP P				
14743W	6126N	1965-20223	00000/0000	1-10036/0098	03/15/75	30	3458	23.8	153.4		FGGG				
14745W	6921N	1791-21005	00000/0000	1-10030/0501	09/22/74	90	1032	20.5	168.9		G PG				
14745W	6119N	1767-20300	00000/0000	1-10029/0604	08/29/74	50	697	35.9	155.1		G GG				
14746W	6811N	1826-20545	00000/0000	1-10031/0610	10/27/74	20	1520	8.6	170.1		G GG				
14746W	6252N	1840-20330	00000/0000	1-10031/1149	11/10/74	10	1715	9.0	165.0		GPGP				
14747W	5707N	1765-20195	00000/0000	1-10029/0519	08/27/74	90	669	39.7	150.0		GGGG				
14748W	6919N	1773-21014	00000/0000	1-10029/0872	09/04/74	0	781	27.3	166.7		GGGG				
14748W	5433N	1836-20125	00000/0000	1-10031/1038	11/06/74	90	1659	17.3	159.4		PPP				
14750W	6811N	1808-20551	00000/0000	1-10031/0137	10/09/74	60	1269	15.1	169.0		GPGG				
14751W	5423N	1782-20141	00000/0000	1-10030/0065	09/13/74	90	906	36.0	151.0		GPGG				
14752W	6816N	1970-20485	00000/0000	1-10037/0022	03/20/75	60	3528	20.6	161.3		GFFF				
14752W	5431N	1818-20132	00000/0000	1-10031/0201	10/19/74	100	1408	23.1	157.8		PGGG				
14754W	5432N	1962-20073	00000/0000	1-10035/1077	03/12/75	80	3416	27.5	147.6		FGGG				
14754W	5431N	1944-20082	00000/0000	1-10035/0165	02/22/75	80	3165	20.8	149.2		GGGG				
14755W	6918N	1755-21022	00000/0000	1-10028/0035	08/17/74	100	530	33.5	164.8		GGPP				
14755W	6811N	1952-20494	00000/0000	1-10035/0569	03/02/75	0	3277	13.5	161.1		GGGG				
14756W	6406N	1805-20391	00000/0000	1-10030/1108	10/06/74	60	1227	19.7	164.0		GGGG				
14756W	6249N	1948-20283	00000/0000	1-10035/0365	02/26/75	60	3221	16.1	155.3		GGGG				
14756W	5426N	1746-20154	00000/0000	1-10027/1525	08/08/74	90	404	47.0	143.1		PPPP				
14756W	5421N	1764-20150	00000/0000	1-10029/0413	08/26/74	100	655	41.9	146.8		GGGG				
14757W	5428N	1998-20054	00000/0000	1-10037/0290	04/17/75	70	3918	41.3	144.5		GGGF				
14758W	6412N	1841-20382	00000/0000	1-10032/0525	11/11/74	100	1729	7.6	166.2		PG G				
14758W	6237N	1786-20343	00000/0000	1-10030/0293	09/17/74	20	962	28.1	159.7		GGGG				
14759W	6415N	1823-20390	00000/0000	1-10031/0482	10/24/74	70	1478	13.1	165.7		GGPG				
14759W	6246N	1732-20363	00000/0000	1-10027/0741	07/25/74	30	209	44.7	152.7		GGGG				
14800W	6652N	1825-20494	00000/0000	1-10031/0892	10/26/74	60	1506	10.1	168.5		GGPP				

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
14800W	6252N	1966-20274	00000/0000	1-10035/1098	09/16/75	10	3472	23.1	154.7		GGGG					
14801W	6242N	1750-20355	00000/0000	1-10027/1685	08/12/74	90	460	40.2	154.3		GGGG					
14802W	6244N	1984-20265	00000/0000	1-10036/0649	04/03/75	0	3723	30.3	154.3		GGGG					
14803W	6532N	1824-20442	00000/0000	1-10031/0534	10/25/74	50	1492	11.7	167.0		GPPG					
14804W	6651N	1807-20495	00000/0000	1-10031/0104	10/08/74	30	1255	16.6	167.2		GGGG					
14805W	6809N	1736-20574	00000/0000	1-10027/0914	07/29/74	70	265	39.7	161.4		GG P					
14805W	6650N	1951-20442	00000/0000	1-10036/0003	03/01/75	30	3263	14.2	159.4		FGFG					
14806W	6801N	1790-20553	00000/0000	1-10030/0576	09/21/74	100	1018	22.1	166.8		G PG					
14806W	6238N	1768-20351	00000/0000	1-10029/0553	08/30/74	30	711	34.5	156.8		GPPG					
14806W	5838N	1802-20234	00000/0000	1-10030/0970	10/03/74	70	1185	25.4	158.6		GGGP					
14807W	6655N	1969-20433	00000/0000	1-10035/1184	09/19/75	20	3514	21.2	159.4		GGGG					
14808W	6409N	1949-20335	00000/0000	1-10035/0461	02/27/75	30	3235	15.5	156.5		GFGG					
14809W	6529N	1806-20443	00000/0000	1-10031/0077	10/07/74	100	1241	18.2	165.5		GPPP					
14809W	5834N	1784-20242	00000/0000	1-10030/0130	09/15/74	30	934	32.1	155.3		PPPG					
14810W	6809N	5060-20441	00000/0000	1-10039/0006	06/18/75	90	4783	44.1	157.8		FFGF					
14810W	6400N	1787-20394	00000/0000	1-10030/0217	09/18/74	60	976	26.6	161.4		GPGG					
14810W	6241N	5020-20250	00000/0000	1-10037/0718	05/09/75	100	4225	42.4	152.6		FGGG					
14811W	7048N	1811-21113	00000/0000	1-10030/1344	10/12/74	50	1311	11.6	173.1		PPPP					
14811W	6532N	1950-20391	00000/0000	1-10035/0341	02/28/75	30	3249	14.8	157.9		GFGG					
14812W	7054N	1955-21055	00000/0000	1-10035/0676	03/05/75	70	3319	12.5	165.2		FFFG					
14812W	6532N	1968-20382	00000/0000	1-10035/1151	03/18/75	40	3500	21.9	157.7		GGGG					
14813W	6409N	1985-20321	00000/0000	1-10036/0699	04/04/75	70	3737	29.7	156.0		FFFG					
14813W	5842N	1820-20233	00000/0000	1-10031/0309	10/21/74	80	1436	18.9	160.9		GPPG					
14813W	5842N	1946-20182	00000/0000	1-10035/1029	02/24/75	100	3193	18.5	152.0		FFFG					
14814W	6757N	1772-20562	00000/0000	1-10029/0839	09/03/74	30	767	28.8	164.4		GGGG					
14814W	6524N	1788-20450	00000/0000	1-10030/0355	09/19/74	20	990	25.1	163.1		PPGP					
14814W	6407N	1733-20415	00000/0000	1-10027/0834	07/26/74	50	223	43.5	154.8		GGGG					
14814W	5840N	1730-20262	00000/0000	1-10027/0610	07/23/74	40	181	47.9	146.7		GGPG					
14816W	6643N	1789-20502	00000/0000	1-10030/0370	09/20/74	100	1004	23.6	164.9		GPGP					
14816W	6528N	1734-20471	00000/0000	1-10027/0861	07/27/74	10	237	42.2	156.9		GGPG				M	
14816W	5835N	1748-20254	00000/0000	1-10027/1573	08/10/74	70	432	43.7	148.7		GGPG					
14818W	6530N	1986-20372	00000/0000	1-10036/0719	04/05/75	40	3751	29.0	157.7		FFFG					
14818W	6359N	1769-20403	00000/0000	1-10029/0692	08/31/74	30	725	33.1	158.6		GGGG					
14819W	6759N	1754-20570	00000/0000	1-10027/1896	08/16/74	70	516	34.9	162.5		GPPG					
14819W	6649N	1735-20522	00000/0000	1-10027/0898	07/28/74	100	251	41.0	159.1		G G					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14820W 6406N	5003-20311	00000/0000	1-10037/0394	04/22/75	0	3988	36.3	155.5		GGFF	
14820W 5829N	1766-20250	00000/0000	1-10029/0565	08/28/74	100	683	38.3	151.7		GGGG	
14821W 7051N	1973-21050	00000/0000	1-10036/0275	03/23/75	50	3570	19.7	165.5		FFFG	
14821W 5836N	5000-20155	00000/0000	1-10037/0782	04/19/75	30	3946	39.2	148.9		FFFG	
14822W 6639N	1771-20510	00000/0000	1-10031/0008	09/02/74	20	753	30.3	162.4		PPPG	
14823W 6643N	1753-20514	00000/0000	1-10027/1788	08/15/74	90	502	36.2	160.3		GP GG	
14827W 6523N	1752-20463	00000/0000	1-10027/1750	08/14/74	90	488	37.5	158.3		GGGG	
14828W 6521N	1770-20455	00000/0000	1-10029/0727	09/01/74	40	739	31.7	160.5		GP GG	
14830W 7045N	1739-21140	00000/0000	1-10027/1015	08/01/74	60	307	36.8	166.6		PPPG	
14830W 6007N	1839-20281	00000/0000	1-10031/0922	11/09/74	80	1701	11.7	163.0		PGG	
14830W 5557N	1945-20133	00000/0000	1-10035/0153	02/23/75	40	3179	20.1	150.0		GF GG	
14830W 5555N	1819-20184	00000/0000	1-10031/0229	10/20/74	100	1422	21.6	158.9		GGP	
14831W 5545N	1783-20193	00000/0000	1-10030/0091	09/14/74	80	920	34.6	152.5		PPGG	
14832W 6004N	1803-20290	00000/0000	1-10030/1136	10/04/74	100	1199	23.9	159.9		GGP	
14833W 5547N	1747-20205	00000/0000	1-10027/1662	08/09/74	70	418	45.8	145.0		GGGG	
14834W 6005N	1821-20285	00000/0000	1-10031/0411	10/22/74	80	1450	17.4	162.1		GGGP	
14834W 5309N	1836-20191	00000/0000	1-10031/1039	11/06/74	90	1659	18.4	158.6		PGG	
14835W 7035N	1793-21115	00000/0000	1-10030/0618	09/24/74	80	1060	18.7	171.1		GP GP	
14836W 5543N	1765-20201	00000/0000	1-10029/0520	08/27/74	90	669	40.6	148.5		GGPG	
14836W 5259N	1782-20144	00000/0000	1-10030/0066	09/13/74	90	906	37.0	149.8		GP GG	
14837W 5306N	1818-20195	00000/0000	1-10031/0202	10/19/74	90	1408	24.2	156.9		GGG	
14839W 6007N	1947-20234	00000/0000	1-10035/0184	02/25/75	100	3207	17.8	153.0		FGFG	
14839W 5307N	1962-20075	00000/0000	1-10035/1078	03/12/75	70	3416	28.5	146.5		FGFG	
14840W 5257N	1764-20152	00000/0000	1-10029/0414	08/26/74	90	655	42.9	145.3		GGGG	
14841W 5955N	1785-20294	00000/0000	1-10030/0177	09/16/74	80	948	30.7	156.8		G P	
14841W 5302N	1746-20160	00000/0000	1-10027/1526	08/08/74	90	404	47.9	141.3		PPPP	
14842W 6931N	1810-21061	00000/0000	1-10030/1286	10/11/74	90	1297	13.1	171.0		PGG	
14842W 5304N	1998-20061	00000/0000	1-10037/0291	04/17/75	70	3918	42.2	142.9		GGFG	
14843W 7036N	1775-21124	00000/0000	1-10029/0963	09/06/74	0	809	25.5	169.1		GGGG	
14844W 6003N	1731-20314	00000/0000	1-10027/0665	07/24/74	100	195	46.8	148.8		GG G	
14845W 6003N	1965-20225	00000/0000	1-10036/0099	03/15/75	50	3458	24.8	152.1		FGGG	
14845W 5958N	1749-20310	00000/0000	1-10027/1647	08/11/74	60	446	42.5	150.6		PGGG	
14848W 6125N	1804-20342	00000/0000	1-10030/1053	10/05/74	100	1213	22.4	161.3		PGG	
14848W 5957N	1767-20302	00000/0000	1-10029/0605	08/29/74	70	697	37.0	153.5		G GG	
14850W 7036N	1757-21132	00000/0000	1-10029/0004	08/19/74	40	558	31.7	167.4		GGPP	

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 STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
14851W	6930N	1828-21055	00000/0000	1-10031/0665	10/29/74	60	1548	6.8	171.9		F	GP				
14854W	6130N	1840-20333	00000/0000	1-10031/1150	11/10/74	0	1715	10.2	164.0		PPP					
14859W	6932N	1954-21004	00000/0000	1-10035/0556	03/04/75	0	3305	13.2	163.0		FFGF					
14859W	5715N	1802-20240	00000/0000	1-10030/0971	10/03/74	90	1185	26.6	157.5		PGGG					
14901W	6934N	1972-20595	00000/0000	1-10036/0203	03/22/75	90	3556	20.3	163.3		GFFF					
14903W	5711N	1784-20244	00000/0000	1-10030/0131	09/15/74	20	934	33.2	154.0		PPPP					
14904W	6127N	1948-20290	00000/0000	1-10035/0366	02/26/75	80	3221	17.2	154.1		GGGF					
14905W	6929N	1738-21084	00000/0000	1-10027/1004	07/31/74	90	293	38.1	163.9		GP P					
14905W	6115N	1786-20345	00000/0000	1-10030/0294	09/17/74	80	962	29.2	158.3		GGGG					
14907W	6123N	1732-20370	00000/0000	1-10027/0742	07/25/74	50	209	45.7	150.7		GGGG					
14907W	5719N	1820-20240	00000/0000	1-10031/0310	10/21/74	90	1436	20.1	159.9		GGPG					
14908W	6130N	1966-20281	00000/0000	1-10035/1099	03/16/75	20	3472	24.2	153.4		GFGG					
14908W	5719N	1946-20185	00000/0000	1-10035/1030	02/24/75	100	3193	19.5	150.9		PPFP					
14908W	5717N	1730-20265	00000/0000	1-10027/0611	07/23/74	40	181	48.8	144.8		GGPG					
14909W	6919N	1792-21063	00000/0000	1-10030/0517	09/23/74	80	1046	20.2	168.9		PPG					
14909W	6122N	1984-20272	00000/0000	1-10036/0650	04/03/75	0	3723	31.4	152.8		GGGF					
14909W	6119N	1750-20362	00000/0000	1-10027/1686	08/12/74	50	460	41.2	152.5		GGGG					
14910W	6244N	1805-20394	00000/0000	1-10030/1109	10/06/74	90	1227	20.9	162.6		GGGP					
14910W	5711N	1748-20261	00000/0000	1-10027/1574	08/10/74	60	432	44.7	146.9		GPPG					
14913W	6254N	1823-20393	00000/0000	1-10031/0483	10/24/74	90	1478	14.3	164.5		GPPP					
14913W	6251N	1841-20384	00000/0000	1-10032/0526	11/11/74	90	1729	8.8	165.0		PPPG					
14913W	6116N	1768-20354	00000/0000	1-10029/0554	08/30/74	50	711	35.6	155.2		PGPG					
14913W	5706N	1766-20253	00000/0000	1-10029/0566	08/28/74	100	683	39.3	150.2		GPFG					
14914W	6813N	1809-21005	00000/0000	1-10030/1240	10/10/74	0	1283	14.7	169.1		GPPP					
14915W	6919N	1774-21072	00000/0000	1-10029/0983	09/05/74	0	795	27.0	166.8		GP P					
14915W	6812N	1827-21004	00000/0000	1-10031/0043	10/28/74	90	1534	8.3	170.1		GGGP					
14915W	5713N	5000-20161	00000/0000	1-10037/0783	04/19/75	10	3946	40.2	147.3		GGGG					
14917W	6119N	5020-20253	00000/0000	1-10037/0719	05/09/75	90	4225	43.4	150.7		FPGG					
14918W	6919N	1756-21080	00000/0000	1-10027/1809	08/18/74	100	544	33.1	164.9		GGGG					
14918W	5433N	1945-20140	00000/0000	1-10035/0154	02/23/75	40	3179	21.1	149.1		GGGG					
14918W	5431N	1819-20191	00000/0000	1-10031/0230	10/20/74	100	1422	22.8	157.9		GGGG					
14918W	5421N	1783-20195	00000/0000	1-10030/0092	09/14/74	50	920	35.6	151.3		GGGG					
14919W	5423N	1747-20212	00000/0000	1-10027/1663	08/09/74	80	418	46.7	143.3		GGGG					
14920W	6814N	1971-20543	00000/0000	1-10036/0188	03/21/75	60	3542	21.0	161.2		GFPG					
14920W	6810N	1953-20552	00000/0000	1-10035/0530	03/03/75	0	3291	13.9	161.1		FFGG					

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STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14923W 6247N	1949-20341	00000/0000	1-10035/0462	02/27/75	30	3235	16.5	155.2		GF GF	
14923W 6239N	1787-20401	00000/0000	1-10030/0218	09/18/74	80	976	27.7	159.9		PP GG	
14923W 5420N	1765-20204	00000/0000	1-10029/0521	08/27/74	90	669	41.6	147.0		PG PG	
14924W 6411N	1824-20444	00000/0000	1-10031/0535	10/25/74	20	1492	12.9	165.7		GP GG	
14926W 6652N	1826-20552	00000/0000	1-10031/0615	10/27/74	20	1520	9.8	168.5		PP PP	
14927W 6247N	1985-20323	00000/0000	1-10036/0700	04/04/75	100	3737	30.7	154.4		GF FF	
14928W 6652N	1808-20553	00000/0000	1-10031/0138	10/09/74	80	1269	16.2	167.3		GG PG	
14928W 6245N	1733-20421	00000/0000	1-10027/0835	07/26/74	70	223	44.5	152.8		GP GG	
14928W 5844N	1839-20284	00000/0000	1-10031/0923	11/09/74	70	1701	12.9	162.0		GP	
14929W 6532N	1825-20500	00000/0000	1-10031/0893	10/26/74	50	1506	11.3	167.1		GG GP	
14930W 6408N	1806-20450	00000/0000	1-10031/0078	10/07/74	90	1241	19.4	164.1		GP PP	
14930W 6237N	1769-20405	00000/0000	1-10029/0680	08/31/74	50	725	34.2	157.0		G GG	
14930W 5841N	1803-20292	00000/0000	1-10030/1137	10/04/74	100	1199	25.1	158.8		GP GG	
14931W 6808N	1737-21032	00000/0000	1-10028/0064	07/30/74	80	279	39.5	161.5		PP P	
14932W 7049N	1812-21172	00000/0000	1-10030/1419	10/13/74	0	1325	11.2	173.2		PP G	
14932W 6657N	1970-20491	00000/0000	1-10037/0023	03/20/75	40	3528	21.6	159.4		GG GF	
14932W 6411N	1950-20393	00000/0000	1-10035/0342	02/28/75	10	3249	15.9	156.5		GG GG	
14932W 6244N	5003-20314	00000/0000	1-10037/0395	04/22/75	0	3988	37.3	153.7		GF GG	
14932W 5842N	1821-20292	00000/0000	1-10031/0412	10/22/74	70	1450	18.6	161.0		GG GG	
14933W 6803N	1791-21011	00000/0000	1-10030/0502	09/22/74	100	1032	21.7	166.9		G PG	
14933W 6531N	1807-20502	00000/0000	1-10031/0105	10/08/74	20	1255	17.8	165.7		GG GG	
14933W 6411N	1968-20384	00000/0000	1-10035/1152	03/18/75	40	3500	22.9	156.1		FG GG	
14934W 7055N	1956-21113	00000/0000	1-10035/0697	03/06/75	0	3333	12.8	165.2		GG PF	
14934W 6652N	1952-20500	00000/0000	1-10035/0570	03/02/75	20	3277	14.5	159.4		FG GG	
14934W 6530N	1951-20445	00000/0000	1-10036/0004	03/01/75	20	3263	15.2	157.9		GG GG	
14934W 6403N	1788-20452	00000/0000	1-10030/0345	09/19/74	100	990	26.2	161.6		P GG	
14935W 6801N	1773-21020	00000/0000	1-10029/0873	09/04/74	0	781	28.4	164.6		GG GG	
14936W 6534N	1969-20440	00000/0000	1-10035/1185	03/19/75	10	3514	22.3	157.7		GG GG	
14937W 6407N	1734-20473	00000/0000	1-10027/0862	07/27/74	20	237	43.3	154.8		GP GG	
14938W 5844N	1947-20241	00000/0000	1-10035/0185	02/25/75	100	3207	18.8	151.9		PF GF	
14939W 5832N	1785-20300	00000/0000	1-10030/0178	09/16/74	70	948	31.7	155.5		G PG	
14942W 6759N	1755-21024	00000/0000	1-10028/0036	08/17/74	90	530	34.5	162.6		GG GG	
14942W 6649N	1736-20581	00000/0000	1-10027/0915	07/29/74	90	265	40.7	159.2		GG P	
14942W 5840N	1731-20320	00000/0000	1-10027/0666	07/24/74	30	195	47.7	146.8		GP PG	
14943W 5840N	1965-20232	00000/0000	1-10036/0100	03/15/75	50	3458	25.8	150.8		FG GG	

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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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 COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
14943W	5835N	1749-20313	00000/0000	1-10027/1648	08/11/74	90	446	43.4	148.8		GGGG	
14944W	6642N	1790-20560	00000/0000	1-10030/0577	09/21/74	90	1018	23.2	165.0		G GG	
14944W	6522N	1789-20504	00000/0000	1-10030/0371	09/20/74	90	1004	24.7	163.2		GPGP	
14946W	6402N	1752-20465	00000/0000	1-10027/1751	08/14/74	40	488	38.6	156.3		GGGG	
14947W	6528N	1735-20525	00000/0000	1-10027/0899	07/28/74	90	251	42.0	157.0		GG G	
14947W	6358N	1770-20461	00000/0000	1-10029/0728	09/01/74	60	739	32.8	158.8		GGGG	
14949W	6649N	5060-20443	00000/0000	1-10039/0007	06/18/75	80	4783	45.0	155.4		FGGG	
14949W	6638N	1772-20565	00000/0000	1-10029/0840	09/03/74	20	767	29.9	162.5		GGGG	
14949W	6518N	1771-20513	00000/0000	1-10031/0009	09/02/74	0	753	31.4	160.6		PGPG	M
14950W	7052N	1974-21104	00000/0000	1-10036/0312	03/24/75	30	3584	20.0	165.6		FGFG	
14950W	6522N	1753-20521	00000/0000	1-10027/1789	08/15/74	90	502	37.2	158.4		GGGG	
14951W	6002N	1804-20344	00000/0000	1-10030/1054	10/05/74	90	1213	23.5	160.1		GGG	
14953W	7040N	1794-21173	00000/0000	1-10030/0652	09/25/74	80	1074	18.2	171.3		PGGG	
14953W	5547N	1784-20251	00000/0000	1-10030/0132	09/15/74	20	934	34.2	152.8		PP P	
14955W	6640N	1754-20573	00000/0000	1-10027/1897	08/16/74	70	516	35.9	160.4		PGPG	
14958W	6007N	1840-20335	00000/0000	1-10031/1151	11/10/74	0	1715	11.4	163.0		GRP	
14958W	5555N	1820-20242	00000/0000	1-10031/0311	10/21/74	80	1436	21.3	159.0		GGPP	
14958W	5555N	1946-20191	00000/0000	1-10035/1031	02/24/75	100	3193	20.5	149.9		PPGF	
14959W	5553N	1730-20271	00000/0000	1-10027/0612	07/23/74	30	181	49.7	142.8		GGGG	
15000W	5547N	1748-20263	00000/0000	1-10027/1575	08/10/74	70	432	45.6	145.2		GPFP	
15003W	5542N	1766-20255	00000/0000	1-10029/0567	08/28/74	100	683	40.3	148.7		GPGG	
15003W	5309N	1945-20142	00000/0000	1-10035/0155	02/23/75	50	3179	22.1	148.1		FGGG	
15003W	5307N	1819-20193	00000/0000	1-10031/0231	10/20/74	90	1422	23.9	157.0		GGGP	
15003W	5257N	1783-20202	00000/0000	1-10030/0093	09/14/74	50	920	36.7	150.0		GGGG	
15004W	7042N	1740-21194	00000/0000	1-10027/1144	08/02/74	10	321	36.6	166.5		GGPG	
15004W	5300N	1747-20214	00000/0000	1-10027/1664	08/09/74	100	418	47.6	141.5		GGGG	
15005W	5550N	5000-20164	00000/0000	1-10037/0784	04/19/75	70	3946	41.1	145.8		FGFG	
15007W	6005N	1948-20292	00000/0000	1-10035/0367	02/26/75	90	3221	18.2	152.9		GGFG	
15007W	5256N	1765-20210	00000/0000	1-10029/0522	08/27/74	80	669	42.6	145.5		PGPG	
15008W	5953N	1786-20352	00000/0000	1-10030/0295	09/17/74	70	962	30.3	157.0		GGGG	
15009W	6000N	1732-20372	00000/0000	1-10027/0743	07/25/74	80	209	46.6	148.7		GGGG	
15010W	7035N	1776-21182	00000/0000	1-10029/1041	09/07/74	20	823	25.1	169.2		GGGG	
15011W	6007N	1966-20283	00000/0000	1-10035/1100	03/16/75	30	3472	25.2	152.1		GGGF	
15011W	5956N	1750-20364	00000/0000	1-10027/1687	08/12/74	20	460	42.2	150.7		GGGG	
15012W	5959N	1984-20274	00000/0000	1-10036/0651	04/03/75	0	3723	32.4	151.3		FFGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15013W 7039N	1758-21190	00000/0000 1-10029/0091	08/20/74	70	572	31.4	167.5		PGGG	
15015W 6930N	1811-21120	00000/0000 1-10030/1345	10/12/74	70	1311	12.8	171.1		PPGG	
15015W 5953N	1768-20360	00000/0000 1-10029/0555	08/30/74	70	711	36.6	153.7		GPP	
15017W 6936N	1955-21062	00000/0000 1-10035/0677	03/05/75	100	3319	13.5	163.1		FPFG	
15018W 6122N	1805-20400	00000/0000 1-10030/1110	10/06/74	100	1227	22.1	161.4		GGPP	
15019W 5957N	5020-20255	00000/0000 1-10037/0720	05/09/75	90	4225	44.4	148.9		FFGG	
15021W 6132N	1823-20395	00000/0000 1-10031/0484	10/24/74	90	1478	15.5	163.3		GGPG	
15022W 6128N	1841-20391	00000/0000 1-10032/0527	11/11/74	80	1729	9.9	164.0		PGPG	
15022W 5721N	1839-20290	00000/0000 1-10031/0924	11/09/74	80	1701	14.0	161.2		PPP	
15023W 5717N	1803-20295	00000/0000 1-10030/1138	10/04/74	100	1199	26.2	157.6		GGPG	
15025W 6934N	1973-21053	00000/0000 1-10036/0276	03/23/75	40	3570	20.7	163.3		FFFG	
15027W 5719N	1821-20294	00000/0000 1-10031/0413	10/22/74	40	1450	19.8	160.0		GGGG	
15031W 6125N	1949-20344	00000/0000 1-10035/0463	02/27/75	50	3235	17.6	154.0		FGGG	
15031W 6117N	1787-20403	00000/0000 1-10030/0219	09/18/74	90	976	28.8	158.5		GPFG	
15033W 6927N	1739-21142	00000/0000 1-10027/1016	08/01/74	30	307	37.9	164.0		GP G	
15033W 6813N	1810-21064	00000/0000 1-10030/1287	10/11/74	50	1297	14.3	169.2		PPGG	
15033W 5721N	1947-20243	00000/0000 1-10035/0186	02/25/75	100	3207	19.9	150.9		GFGG	
15036W 6918N	1793-21121	00000/0000 1-10030/0619	09/24/74	100	1060	19.8	169.0		GPPP	
15036W 6122N	1733-20424	00000/0000 1-10027/0836	07/26/74	60	223	45.5	150.8		GGPG	
15036W 5717N	1731-20323	00000/0000 1-10027/0667	07/24/74	60	195	48.6	144.9		PGPG	
15036W 5717N	1965-20234	00000/0000 1-10036/0101	03/15/75	20	3458	26.8	149.6		GPF	
15037W 6115N	1769-20412	00000/0000 1-10029/0681	08/31/74	80	725	35.3	155.4		G GG	
15037W 5711N	1749-20315	00000/0000 1-10027/1649	08/11/74	90	446	44.4	147.1		GGGG	
15039W 6249N	1824-20451	00000/0000 1-10031/0536	10/25/74	40	1492	14.0	164.5		GPPG	
15041W 6811N	1828-21062	00000/0000 1-10031/0669	10/29/74	60	1548	8.0	170.1		PPGP	
15041W 5424N	1784-20253	00000/0000 1-10030/0133	09/15/74	40	934	35.3	151.5		PPPG	
15043W 6919N	1775-21130	00000/0000 1-10029/0964	09/06/74	0	809	26.6	166.9		GGP	
15043W 6246N	1806-20452	00000/0000 1-10031/0079	10/07/74	90	1241	20.5	162.8		GPPP	
15046W 5432N	1820-20245	00000/0000 1-10031/0312	10/21/74	20	1436	22.4	158.1		GPPP	
15046W 5431N	1946-20194	00000/0000 1-10035/1032	02/24/75	80	3193	21.5	149.0		GGFF	
15046W 5429N	1730-20274	00000/0000 1-10027/0613	07/23/74	20	181	50.6	140.8		GGPG	
15047W 6249N	1950-20400	00000/0000 1-10035/0343	02/28/75	30	3249	16.9	155.2		GGGG	
15048W 6813N	1954-21010	00000/0000 1-10035/0557	03/04/75	10	3305	14.3	161.1		GGGG	
15048W 6250N	1968-20391	00000/0000 1-10035/1153	03/18/75	60	3500	23.9	154.7		FFFG	
15048W 6242N	1788-20455	00000/0000 1-10030/0346	09/19/74	70	990	27.3	160.1		P GG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15048W 5423N	1748-20270	00000/0000 1-10027/1576	08/10/74	80	432	46.5	143.5		GGGG	
15050W 5839N	1804-20351	00000/0000 1-10030/1055	10/05/74	100	1213	24.7	158.9		GGGP	
15050W 5419N	1766-20262	00000/0000 1-10029/0568	08/28/74	100	683	41.3	147.2		GP GG	
15051W 6918N	1757-21134	00000/0000 1-10029/0005	08/19/74	40	558	32.8	165.0		GGPG	
15051W 6815N	1972-21001	00000/0000 1-10036/0204	03/22/75	40	3556	21.4	161.3		GF GF	
15051W 6411N	1825-20503	00000/0000 1-10031/0894	10/26/74	0	1506	12.5	165.8		GGGG	
15051W 6245N	1734-20480	00000/0000 1-10027/0863	07/27/74	20	237	44.3	152.8		PGPG	
15052W 6654N	1809-21012	00000/0000 1-10030/1241	10/10/74	0	1283	15.8	167.4		PPPP	
15053W 6810N	1738-21090	00000/0000 1-10027/1005	07/31/74	90	293	39.2	161.5		GG G	
15053W 5425N	5000-20170	00000/0000 1-10037/0785	04/19/75	90	3946	42.0	144.2		GGFG	
15054W 6652N	1827-21010	00000/0000 1-10031/0044	10/28/74	90	1534	9.5	168.6		GP GP	
15054W 6409N	1807-20504	00000/0000 1-10031/0106	10/08/74	40	1255	19.0	164.2		GGGG	
15056W 6532N	1826-20554	00000/0000 1-10031/0611	10/27/74	60	1520	11.0	167.1		P PP	
15057W 6801N	1792-21070	00000/0000 1-10030/0518	09/23/74	100	1046	21.3	167.0		GP GP	
15057W 6531N	1808-20560	00000/0000 1-10031/0139	10/09/74	90	1269	17.4	165.8		GGPP	
15057W 5844N	1840-20342	00000/0000 1-10031/1152	11/10/74	10	1715	12.6	162.1		PPP	
15058W 7050N	1813-21230	00000/0000 1-10030/1442	10/14/74	50	1339	10.8	173.3		PG	
15058W 6413N	1969-20442	00000/0000 1-10035/1186	03/19/75	10	3514	23.3	156.2		GF GG	
15058W 6240N	1752-20472	00000/0000 1-10027/1752	08/14/74	50	488	39.6	154.5		GGGG	
15059W 6651N	1953-20555	00000/0000 1-10035/0531	03/03/75	10	3291	14.9	159.4		GGFG	
15059W 6234N	1770-20464	00000/0000 1-10029/0729	09/01/74	90	739	33.9	157.1		GP GG	
15100W 6655N	1971-20550	00000/0000 1-10036/0189	03/21/75	60	3542	22.0	159.4		FFFG	
15102W 6800N	1774-21074	00000/0000 1-10029/0984	09/05/74	0	795	28.1	164.7		GP P	
15102W 6537N	1970-20494	00000/0000 1-10037/0024	03/20/75	10	3528	22.6	157.8		GGGG	
15103W 6532N	1952-20503	00000/0000 1-10035/0571	03/02/75	20	3277	15.6	157.9		FGGG	
15105W 6400N	1789-20511	00000/0000 1-10030/0372	09/20/74	70	1004	25.9	161.7		GP GG	
15105W 5842N	1948-20295	00000/0000 1-10035/0368	02/26/75	80	3221	19.2	151.8		GGFG	
15105W 5830N	1786-20354	00000/0000 1-10030/0296	09/17/74	70	962	31.4	155.7		GGGG	
15107W 6800N	1756-21083	00000/0000 1-10027/1810	08/18/74	80	544	34.2	162.6		GGGG	
15107W 6407N	1735-20531	00000/0000 1-10027/0900	07/28/74	80	251	43.0	154.9		GG G	
15107W 5836N	1732-20375	00000/0000 1-10027/0744	07/25/74	70	209	47.6	146.8		GGGG	
15108W 5843N	1966-20290	00000/0000 1-10035/1101	03/16/75	40	3472	26.2	150.8		GGGF	
15109W 6648N	1737-21035	00000/0000 1-10028/0065	07/30/74	90	279	40.5	159.2		PP P	
15109W 6357N	1771-20515	00000/0000 1-10031/0010	09/02/74	20	753	32.5	158.9		GGPG	
15109W 5834N	1750-20371	00000/0000 1-10027/1688	08/12/74	60	460	43.2	149.0		GGGG	

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STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15110W 6643N	1791-21014	00000/0000	1-10030/0503	09/22/74	70	1032	22.8	165.2		G PG	
15110W 6402N	1753-20523	00000/0000	1-10027/1790	08/15/74	50	502	38.3	156.5		GGGG	
15110W 5836N	1984-20281	00000/0000	1-10036/0652	04/03/75	0	3723	33.3	149.9		PFFF	
15111W 6529N	1736-20583	00000/0000	1-10027/0916	07/29/74	80	265	41.8	157.0		GP G	
15112W 6641N	1773-21023	00000/0000	1-10029/0870	09/04/74	0	781	29.5	162.7		G GG	
15112W 6521N	1790-20562	00000/0000	1-10030/0578	09/21/74	100	1018	24.4	163.4		P PP	
15112W 5830N	1768-20363	00000/0000	1-10029/0556	08/30/74	100	711	37.7	152.2		PP P	
15113W 7042N	1795-21231	00000/0000	1-10030/0675	09/26/74	60	1088	17.8	171.5		G GG	
15113W 5557N	1839-20293	00000/0000	1-10031/0925	11/09/74	30	1701	15.2	160.3		PGP	
15115W 6518N	1772-20571	00000/0000	1-10029/0841	09/03/74	20	767	31.0	160.7		PGGG	
15117W 7051N	1975-21163	00000/0000	1-10036/0378	03/25/75	10	3598	20.4	165.6		GFGG	
15117W 6641N	1755-21031	00000/0000	1-10028/0037	08/17/74	90	530	35.6	160.5		GGGP	
15117W 5834N	5020-20262	00000/0000	1-10037/0721	05/09/75	100	4225	45.3	147.0		FFGG	
15118W 6529N	5060-20450	00000/0000	1-10039/0008	06/18/75	50	4783	46.0	153.0		GGGG	
15118W 5555N	1821-20301	00000/0000	1-10031/0414	10/22/74	60	1450	20.9	159.1		GGGG	
15121W 6000N	1805-20403	00000/0000	1-10030/1111	10/06/74	100	1227	23.2	160.2		PPPP	
15122W 6519N	1754-20575	00000/0000	1-10027/1898	08/16/74	70	516	37.0	158.4		GGPP	
15124W 6010N	1823-20402	00000/0000	1-10031/0485	10/24/74	90	1478	16.7	162.3		GGPG	
15124W 5557N	1947-20250	00000/0000	1-10035/0187	02/25/75	100	3207	20.9	149.9		FFFF	
15125W 6006N	1841-20393	00000/0000	1-10032/0528	11/11/74	60	1729	11.1	163.0		PPPG	
15125W 5300N	1784-20260	00000/0000	1-10030/0134	09/15/74	40	934	36.3	150.3		PPP	
15126W 5553N	1965-20241	00000/0000	1-10036/0102	03/15/75	60	3458	27.8	148.5		PGGG	
15126W 5552N	1731-20325	00000/0000	1-10027/0668	07/24/74	100	195	49.5	142.9		GGPG	
15128W 5548N	1749-20322	00000/0000	1-10027/1650	08/11/74	90	446	45.3	145.4		GGGG	
15130W 5307N	1946-20200	00000/0000	1-10035/1033	02/24/75	90	3193	22.5	148.0		GFF	
15131W 5307N	1820-20251	00000/0000	1-10031/0313	10/21/74	20	1436	23.6	157.2		GGPG	
15131W 5305N	1730-20280	00000/0000	1-10027/0614	07/23/74	20	181	51.4	138.8		PGGG	
15133W 5955N	1787-20410	00000/0000	1-10030/0220	09/18/74	70	976	29.9	157.2		PGGP	
15133W 5259N	1748-20272	00000/0000	1-10027/1577	08/10/74	80	432	47.4	141.7		GG G	
15134W 6003N	1949-20350	00000/0000	1-10035/0464	02/27/75	50	3235	18.6	152.8		GGFG	
15134W 5254N	1766-20264	00000/0000	1-10029/0569	08/28/74	100	683	42.3	145.8		GP GG	
15136W 7040N	1759-21244	00000/0000	1-10029/0114	08/21/74	100	586	31.0	167.6		GP GG	
15136W 7034N	1777-21240	00000/0000	1-10029/1064	09/08/74	0	837	24.8	169.3		PP	
15136W 6931N	1812-21174	00000/0000	1-10030/1420	10/13/74	0	1325	12.4	171.2		PGG	
15138W 5953N	1769-20414	00000/0000	1-10029/0682	08/31/74	100	725	36.3	153.8		G GG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15139W	6938N	1956-21120	00000/0000	1-10035/0698	07/06/75	0	3333	13.9	163.1		GGFF	
15139W	5959N	1733-20430	00000/0000	1-10027/0837	07/26/74	40	223	46.4	148.8		GGGG	
15139W	5300N	5000-20173	00000/0000	1-10037/0786	04/19/75	90	3946	42.9	142.6		GGFG	
15144W	5716N	1804-20353	00000/0000	1-10030/1056	10/05/74	100	1213	25.8	157.8		GGGR	
15145W	6128N	1842-20445	00000/0000	1-10031/1182	11/12/74	50	1743	9.7	164.0		P P	
15147W	6128N	1824-20453	00000/0000	1-10031/0537	10/25/74	80	1492	15.2	163.4		GGGG	
15150W	6124N	1806-20455	00000/0000	1-10031/0080	10/07/74	90	1241	21.7	161.5		GPPP	
15152W	5720N	1840-20344	00000/0000	1-10031/1153	11/10/74	30	1715	13.8	161.2		PP	
15153W	6934N	1974-21111	00000/0000	1-10036/0313	03/24/75	10	3584	21.1	163.4		GGFG	
15153W	6923N	1794-21175	00000/0000	1-10030/0653	09/25/74	100	1074	19.4	169.2		PGGG	
15155W	6127N	1950-20402	00000/0000	1-10035/0344	02/28/75	40	3249	17.9	154.0		GGGG	
15156W	6128N	1968-20393	00000/0000	1-10035/1154	03/18/75	40	3500	25.0	153.3		GGGG	
15156W	6119N	1788-20461	00000/0000	1-10030/0347	09/19/74	90	990	28.4	158.7		P GP	
15158W	6122N	1734-20482	00000/0000	1-10027/0864	07/27/74	10	237	45.2	150.8		PGPG	
15158W	6121N	1932-20411	00000/0000	1-10034/0241	02/10/75	0	2998	11.7	155.1		GGGG	
15200W	5718N	1948-20301	00000/0000	1-10035/0369	02/26/75	50	3221	20.2	150.8		FGGG	
15200W	5707N	1786-20361	00000/0000	1-10030/0297	09/17/74	70	962	32.5	154.4		GGGG	
15201W	5713N	1732-20381	00000/0000	1-10027/0745	07/25/74	50	209	48.5	144.9		GGGG	
15201W	5434N	1839-20295	00000/0000	1-10031/0926	11/09/74	60	1701	16.4	159.5		PPG	
15202W	5720N	1966-20292	00000/0000	1-10035/1102	03/16/75	40	3472	27.2	149.6		GGGG	
15203W	5711N	1750-20373	00000/0000	1-10027/1689	08/12/74	70	460	44.1	147.3		GGGG	
15204W	5713N	1984-20283	00000/0000	1-10036/0653	04/03/75	0	3723	34.3	148.5		FFGG	
15205W	7154N	1779-21350	00000/0000	00000/0000	09/10/74	80	865	22.8	172.1		GGGG	
15205W	6924N	1740-21200	00000/0000	1-10027/1145	08/02/74	10	321	37.7	163.9		GG G	
15205W	6812N	1811-21122	00000/0000	1-10030/1346	10/12/74	20	1311	13.9	169.2		PGGG	
15205W	6118N	1752-20474	00000/0000	1-10027/1753	08/14/74	40	488	40.6	152.7		GGGG	
15205W	6113N	1770-20470	00000/0000	1-10029/0730	09/01/74	90	739	34.9	155.5		GPGG	
15206W	6249N	1825-20505	00000/0000	1-10031/0895	10/26/74	0	1506	13.7	164.5		GGGG	
15206W	5708N	1768-20365	00000/0000	1-10029/0557	08/30/74	100	711	38.7	150.7		PP G	
15206W	5431N	1821-20303	00000/0000	1-10031/0415	10/22/74	90	1450	22.1	158.2		GGGG	
15207W	6248N	1807-20511	00000/0000	1-10031/0107	10/08/74	60	1255	20.1	162.9		GGGG	
15209W	7155N	1761-21354	00000/0000	1-10029/0229	08/23/74	50	614	29.3	170.4		GPGG	
15209W	6818N	1955-21064	00000/0000	1-10035/0678	03/05/75	50	3319	14.6	161.2		FFFG	
15210W	6917N	1776-21184	00000/0000	1-10029/1042	09/07/74	0	823	26.2	167.0		GPPP	
15211W	6247N	1951-20454	00000/0000	1-10036/0005	03/01/75	0	3263	17.3	155.1		GGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
15211W	5711N	5020-20264	00000/0000	1-10037/0722	05/09/75	100	4225	46.2	145.2		FGGG					
15212W	6654N	1810-21070	00000/0000	1-10030/1288	10/11/74	10	1297	15.5	167.5		GGGG					
15212W	5433N	1947-20257	00000/0000	1-10035/0188	02/25/75	100	3207	21.9	148.9		GGFG					
15213W	6921N	1758-21192	00000/0000	1-10029/0092	08/20/74	40	572	32.5	165.1		GGGG					
15213W	6251N	1969-20445	00000/0000	1-10035/1187	03/19/75	0	3514	24.3	154.7		GGGG					
15214W	5429N	1965-20243	00000/0000	1-10036/0103	03/15/75	90	3458	28.8	147.3		GGGG					
15214W	5428N	1731-20332	00000/0000	1-10027/0669	07/24/74	90	195	50.4	140.9		GGPG					
15216W	6815N	1973-21055	00000/0000	1-10036/0277	03/23/75	0	3570	21.8	161.3		FGGG					
15216W	5423N	1749-20324	00000/0000	1-10027/1651	08/11/74	90	446	46.2	143.6		GGGG					
15218W	6411N	1826-20561	00000/0000	1-10031/0612	10/27/74	80	1520	12.2	165.8		P					
15218W	6410N	1808-20562	00000/0000	1-10031/0140	10/09/74	90	1269	18.6	164.4		GGGP					
15218W	6240N	1789-20513	00000/0000	1-10030/0373	09/20/74	80	1004	27.0	160.2		GGPG					
15219W	7051N	1814-21284	00000/0000	1-10030/1541	10/15/74	60	1353	10.4	173.4		PGGG					
15220W	6652N	1828-21064	00000/0000	1-10031/0670	10/29/74	80	1548	9.2	168.6		PP P					
15220W	5837N	1805-20405	00000/0000	1-10030/1112	10/06/74	80	1227	24.3	159.0		GGGP					
15221W	7056N	1958-21230	00000/0000	1-10035/0908	03/08/75	10	3361	13.6	165.3		FFFF					
15221W	6533N	1809-21014	00000/0000	1-10030/1242	10/10/74	10	1283	17.0	165.9		PPPP					
15221W	6246N	1735-20534	00000/0000	1-10027/0901	07/28/74	70	251	44.0	152.9		GG G					
15221W	6236N	1771-20522	00000/0000	1-10031/0011	09/02/74	50	753	33.5	157.3		GGPG					
15222W	6809N	1739-21145	00000/0000	1-10027/1017	08/01/74	70	307	39.0	161.6		GG G					
15223W	6800N	1793-21124	00000/0000	1-10030/0620	09/24/74	90	1060	21.0	167.1		PPGP					
15223W	6240N	1753-20530	00000/0000	1-10027/1791	08/15/74	30	502	39.3	154.6		GGGG					
15223W	5847N	1823-20404	00000/0000	1-10031/0486	10/24/74	90	1478	17.9	161.2		GGPG					
15224W	6416N	1970-20500	00000/0000	1-10037/0025	03/20/75	0	3528	23.7	156.2		GGGG					
15224W	5842N	1841-20400	00000/0000	1-10032/0529	11/11/74	50	1729	12.3	162.1		PPPG					
15225W	6411N	1952-20505	00000/0000	1-10035/0572	03/02/75	10	3277	16.6	156.5		GGGG					
15227W	6654N	1954-21013	00000/0000	1-10035/0558	03/04/75	70	3305	15.3	159.4		FFFF					
15229W	6530N	1953-20561	00000/0000	1-10035/0532	03/03/75	60	3291	16.0	157.8		GGGG					
15230W	7053N	1976-21221	00000/0000	1-10036/0039	03/26/75	0	3612	20.8	165.6		GGGG					
15230W	6800N	1775-21133	00000/0000	1-10029/0965	09/06/74	0	809	27.7	164.9		GGPG					
15230W	6656N	1972-21004	00000/0000	1-10036/0205	03/22/75	70	3556	22.4	159.5		FFGF					
15230W	6534N	1971-20552	00000/0000	1-10036/0190	03/21/75	50	3542	23.1	157.7		GGFG					
15230W	5832N	1787-20412	00000/0000	1-10030/0221	09/18/74	40	976	31.0	155.9		GGPG					
15231W	6650N	1738-21093	00000/0000	1-10027/1006	07/31/74	80	293	40.3	159.3		PP P					
15232W	6408N	1736-20590	00000/0000	1-10027/0917	07/29/74	70	265	42.8	155.0		GP G					

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15232W 6400N	1790-20565	00000/0000	1-10030/0579	09/21/74	100	1018	25.5	161.8		P PP	
15232W 5840N	1949-20353	00000/0000	1-10035/0465	02/27/75	30	3235	19.6	151.7		FGFG	
15234W 6641N	1792-21072	00000/0000	1-10030/0519	09/23/74	100	1046	22.5	165.3		PPGP	
15234W 6357N	1772-20574	00000/0000	1-10029/0842	09/03/74	0	767	32.1	159.0		PGGG	
15234W 5830N	1769-20421	00000/0000	1-10029/0683	08/31/74	100	725	37.3	152.3		G GG	
15236W 5836N	1738-20433	00000/0000	1-10027/0838	07/26/74	30	223	47.4	146.9		GGGG	
15238W 6759N	1757-21141	00000/0000	1-10029/0006	08/19/74	50	558	33.9	162.7		GP P	
15238W 6528N	1737-21041	00000/0000	1-10028/0066	07/30/74	90	279	41.5	157.1		PP P	
15238W 6523N	1791-21020	00000/0000	1-10030/0504	09/22/74	100	1032	24.0	163.5		P P	
15239W 6521N	1773-21025	00000/0000	1-10029/0874	09/04/74	0	781	30.6	160.9		PGGG	
15239W 6408N	5060-20452	00000/0000	1-10039/0009	06/18/75	60	4783	46.9	150.7		GGGF	
15240W 7041N	1796-21285	00000/0000	1-10030/0842	09/27/74	80	1102	17.4	171.6		GP P	
15240W 6640N	1774-21081	00000/0000	1-10029/0985	09/05/74	0	795	29.2	162.8		GPPG	
15241W 6358N	1754-20582	00000/0000	1-10027/1899	08/16/74	80	516	38.0	156.5		GGPG	
15243W 5556N	1840-20351	00000/0000	1-10031/1154	11/10/74	30	1715	15.0	160.3		PP	
15245W 6640N	1756-21085	00000/0000	1-10027/1811	08/18/74	70	544	35.3	160.6		GGGG	
15245W 6520N	1755-21033	00000/0000	1-10028/0038	08/17/74	100	530	36.7	158.5		GGPP	
15246W 5310N	1839-20302	00000/0000	1-10031/0927	11/09/74	80	1701	17.6	158.7		FGP	
15248W 6005N	1842-20452	00000/0000	1-10031/1186	11/12/74	60	1743	10.9	163.0		PPP	
15250W 5543N	1786-20363	00000/0000	1-10030/0298	09/17/74	70	962	33.5	153.1		GGGG	
15251W 6005N	1824-20460	00000/0000	1-10031/0538	10/25/74	80	1492	16.4	162.3		GGPG	
15251W 5555N	1948-20304	00000/0000	1-10035/0370	02/26/75	50	3221	21.2	149.8		FGGF	
15252W 5556N	1966-20295	00000/0000	1-10035/1103	03/16/75	50	3472	28.2	148.4		GGGF	
15252W 5307N	1821-20310	00000/0000	1-10031/0416	10/22/74	90	1450	23.2	157.3		GGGG	
15253W 7043N	1742-21310	00000/0000	1-10027/1251	08/04/74	0	349	36.1	166.6		GG G	
15253W 6002N	1806-20461	00000/0000	1-10031/0081	10/07/74	60	1241	22.8	160.3		GGPG	
15254W 5549N	1984-20290	00000/0000	1-10036/0654	04/03/75	10	3723	35.3	147.1		FFFF	
15254W 5547N	1750-20380	00000/0000	1-10027/1690	08/12/74	90	460	45.0	145.5		GGGG	
15255W 7037N	1778-21294	00000/0000	1-10029/1100	09/09/74	30	851	24.3	169.5		GGGG	
15256W 5544N	1768-20372	00000/0000	1-10029/0558	08/30/74	100	711	39.7	149.2		PP G	
15256W 5308N	1947-20255	00000/0000	1-10035/0189	02/25/75	70	3207	22.9	147.9		GGGG	
15257W 5956N	1788-20464	00000/0000	1-10030/0356	09/19/74	90	990	29.5	157.4		GGGG	
15258W 6004N	1950-20405	00000/0000	1-10035/0345	02/28/75	50	3249	19.0	152.8		FGGG	
15259W 6006N	1968-20400	00000/0000	1-10035/1155	03/18/75	30	3500	26.0	152.0		GGGG	
15259W 5304N	1731-20334	00000/0000	1-10027/0670	07/24/74	100	195	51.2	138.9		GG G	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
15259W	5304N	1965-20250	00000/0000	1-10036/0104	03/15/75	90	3458	29.7	146.2		GGGG				
15300W	7039N	1760-21302	00000/0000	1-10029/0135	08/22/74	0	600	30.7	167.7		GGGG				
15300W	5959N	1932-20413	00000/0000	1-10034/0242	02/10/75	0	2998	12.8	154.0		FGGG				
15301W	6000N	1734-20485	00000/0000	1-10027/0868	07/27/74	10	237	46.2	148.9		GG				
15301W	5258N	1749-20391	00000/0000	1-10027/1652	08/11/74	90	446	47.1	141.9		GGGG				
15303W	7202N	1816-21395	00000/0000	1-10030/1516	10/17/74	80	1381	8.5	175.6		PPGG				
15303W	6934N	1813-21233	00000/0000	1-10030/1443	10/14/74	80	1339	12.0	171.3		PG				
15306W	5956N	1752-20481	00000/0000	1-10027/1754	08/14/74	30	488	41.6	151.0		GGGG				
15306W	5953N	1770-20473	00000/0000	1-10029/0731	09/01/74	70	739	36.0	154.0		GP GG				
15310W	6937N	1957-21174	00000/0000	1-10035/0837	03/07/75	0	3347	14.3	163.1		FGGG				
15315W	6924N	1795-21233	00000/0000	1-10030/0676	09/26/74	90	1088	18.9	169.4		G PP				
15315W	6127N	1825-20512	00000/0000	1-10031/0896	10/26/74	50	1506	14.9	163.4		GGGG				
15315W	6126N	1807-20513	00000/0000	1-10031/0108	10/08/74	40	1255	21.3	161.7		GGGG				
15315W	5713N	1805-20412	00000/0000	1-10030/1113	10/06/74	90	1227	25.5	157.9		GP GG				
15317W	6127N	1843-20503	00000/0000	1-10032/0093	11/13/74	100	1757	9.4	163.9		PGP				
15318W	5724N	1823-20411	00000/0000	1-10031/0487	10/24/74	80	1478	19.0	160.3		GGPG				
15318W	5719N	1841-20402	00000/0000	1-10032/0530	11/11/74	60	1729	13.5	161.2		PPGG				
15320W	6933N	1975-21165	00000/0000	1-10036/0379	03/25/75	10	3598	21.5	163.3		FFFG				
15320W	6126N	1951-20460	00000/0000	1-10036/0006	03/01/75	0	3263	18.3	153.9		GGGG				
15322W	6129N	1969-20451	00000/0000	1-10035/1188	03/19/75	0	3514	25.4	153.3		GGGG				
15324W	7159N	1744-21420	00000/0000	1-10027/1385	08/06/74	20	377	34.4	169.4		GP P				
15324W	5708N	1787-20415	00000/0000	1-10030/0222	09/18/74	20	976	32.1	154.6		PGGG				
15325W	6119N	1933-20465	00000/0000	1-10034/0326	02/11/75	0	3012	12.1	155.0		GGGG				
15325W	6117N	1789-20520	00000/0000	1-10030/0374	09/20/74	90	1004	28.1	158.9		GP GG				
15326W	6813N	1812-21181	00000/0000	1-10030/1421	10/13/74	0	1325	13.5	169.4		PPGG				
15326W	5716N	1949-20355	00000/0000	1-10035/0466	02/27/75	40	3235	20.6	150.7		FGFG				
15328W	6114N	1771-20524	00000/0000	1-10031/0012	09/02/74	60	753	34.6	155.7		GPPG				
15328W	5707N	1769-20423	00000/0000	1-10029/0684	08/31/74	100	725	38.4	150.9		P GG				
15329W	6123N	1735-20540	00000/0000	1-10027/0902	07/28/74	40	251	45.0	150.9		GGPG				
15329W	5713N	1733-20435	00000/0000	1-10027/0839	07/26/74	50	223	48.3	145.0		GGGG				
15330W	7154N	1780-21404	00000/0000	1-10030/0153	09/11/74	40	879	22.4	172.2		P PP				
15330W	6819N	1956-21122	00000/0000	1-10035/0699	03/06/75	0	3333	14.9	161.2		GGFG				
15330W	6118N	1753-20532	00000/0000	1-10027/1792	08/15/74	30	502	40.3	152.9		GGGG				
15331W	6249N	1808-20565	00000/0000	1-10031/0141	10/09/74	80	1269	19.7	163.1		PPGP				
15333W	6249N	1826-20563	00000/0000	1-10031/0616	10/27/74	90	1520	13.4	164.6		PPPP				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15335W 7154N	1762-21412	00000/0000 1-10029/0242	08/24/74	80	628	28.9	170.5			GPPP
15335W 6925N	1741-21255	00000/0000 1-10027/1185	08/03/74	0	335	37.4	164.0			PGGG
15336W 6916N	1777-21242	00000/0000 1-10029/1065	09/08/74	30	837	25.9	167.1			PPG
15337W 6923N	1759-21251	00000/0000 1-10029/0115	08/21/74	70	586	32.1	165.2			GPGG
15339W 6254N	1970-20503	00000/0000 1-10037/0026	03/20/75	10	3528	24.7	154.7			GGGG
15340W 6249N	1952-20512	00000/0000 1-10035/0573	03/02/75	20	3277	17.7	155.1			GGGG
15341W 6804N	1794-21182	00000/0000 1-10030/0654	09/25/74	90	1074	20.5	167.3			PPGP
15342W 6412N	1809-21021	00000/0000 1-10030/1243	10/10/74	60	1283	18.2	164.5			PPPP
15343W 6815N	1974-21113	00000/0000 1-10036/0314	03/24/75	20	3584	22.2	161.3			GFGG
15343W 6654N	1829-21122	00000/0000 1-10031/0700	10/30/74	100	1562	8.8	168.7			PPP
15343W 6534N	1810-21073	00000/0000 1-10030/1289	10/11/74	10	1297	16.6	166.0			PGGG
15344W 6653N	1811-21125	00000/0000 1-10030/1347	10/12/74	10	1311	15.1	167.6			GGGG
15344W 6239N	1790-20571	00000/0000 1-10030/0580	09/21/74	100	1018	26.6	160.4			G GG
15346W 7057N	1959-21284	00000/0000 1-10035/0985	03/09/75	0	3375	14.0	165.4			FGGF
15346W 6247N	1736-20592	00000/0000 1-10027/0918	07/29/74	70	265	43.8	153.0			GG G
15347W 6235N	1772-20580	00000/0000 1-10029/0843	09/03/74	0	767	33.2	157.4			GGGP
15349W 6658N	1955-21071	00000/0000 1-10035/0679	03/05/75	30	3319	15.6	159.5			FFGG
15349W 6531N	1828-21071	00000/0000 1-10031/0671	10/29/74	50	1548	10.3	167.2			PPP
15350W 6409N	1953-20564	00000/0000 1-10035/0533	03/03/75	90	3291	17.0	156.4			GFFF
15350W 5842N	1824-20462	00000/0000 1-10031/0539	10/25/74	70	1492	17.6	161.3			GGPP
15351W 6247N	5060-20455	00000/0000 1-10039/0010	06/18/75	80	4783	47.9	148.5			FGGG
15351W 5839N	1806-20464	00000/0000 1-10031/0082	10/07/74	30	1241	24.0	159.2			GPPG
15352W 6413N	1971-20555	00000/0000 1-10036/0191	03/21/75	40	3542	24.1	156.1			GGFG
15353W 6236N	1754-20584	00000/0000 1-10027/1900	08/16/74	90	516	39.1	154.7			GGPG
15354W 6806N	1740-21203	00000/0000 1-10027/1146	08/02/74	20	321	38.7	161.6			GG G
15355W 6656N	1973-21062	00000/0000 1-10036/0278	03/23/75	0	3570	22.8	159.4			GGGG
15355W 5839N	1788-20470	00000/0000 1-10030/0357	09/19/74	90	990	30.6	156.1			GPPP
15356W 6533N	1954-21015	00000/0000 1-10035/0559	03/04/75	90	3305	16.4	157.8			FFGG
15357W 6758N	1776-21191	00000/0000 1-10029/1043	09/07/74	0	823	27.4	165.0			GPBG
15357W 5843N	1968-20402	00000/0000 1-10035/1156	03/18/75	10	3500	27.0	150.7			GGGG
15357W 5841N	1950-20411	00000/0000 1-10035/0346	02/28/75	60	3249	20.0	151.7			FFGG
15357W 5836N	1932-20420	00000/0000 1-10034/0243	02/10/75	0	2998	13.8	153.1			FGGG
15358W 6401N	1791-21023	00000/0000 1-10030/0505	09/22/74	100	1032	25.1	162.0			G P
15358W 5837N	1734-20491	00000/0000 1-10027/0865	07/27/74	10	237	47.1	147.0			GGPG
15359W 6640N	1793-21130	00000/0000 1-10030/0621	09/24/74	90	1060	22.1	165.4			PPP

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS						123	45678	
15359W	6529N	1738-21095	00000/0000	1-10027/1007	07/31/74	80	293	41.3	157.2		GG P	
15359W	6406N	1737-21044	00000/0000	1-10028/0067	07/30/74	90	279	42.6	155.0		PP P	
15359W	6400N	1773-21032	00000/0000	1-10029/0875	09/04/74	0	781	31.7	159.2		GGPP	
15400W	6802N	1758-21195	00000/0000	1-10029/0093	08/20/74	10	572	33.5	162.9		GGGG	
15400W	6649N	1739-21151	00000/0000	1-10027/1018	08/01/74	40	307	40.0	159.4		GGPP	
15400W	6535N	1972-21010	00000/0000	1-10036/0206	03/22/75	80	3556	23.5	157.8		GGPF	
15402W	6521N	1792-21075	00000/0000	1-10030/0520	09/23/74	100	1046	23.6	163.6		GGGP	
15403W	5829N	1770-20475	00000/0000	1-10029/0732	09/01/74	70	739	37.0	152.5		GGGG	
15404W	7052N	1977-21275	00000/0000	1-10036/0249	03/27/75	90	3626	21.2	165.7		FFFF	
15404W	7042N	1797-21343	00000/0000	1-10030/0827	09/28/74	90	1116	17.0	171.7		P P	
15404W	5832N	1752-20483	00000/0000	1-10027/1755	08/14/74	20	488	42.6	149.3		GGGG	
15406W	6400N	1755-21040	00000/0000	1-10028/0039	08/17/74	100	530	37.7	156.6		GGGG	
15406W	5550N	1805-20414	00000/0000	1-10030/1114	10/06/74	90	1227	26.6	156.9		GGGP	
15407W	6640N	1775-21135	00000/0000	1-10029/0966	09/06/74	0	809	28.8	163.0		GGG	
15407W	6520N	1774-21083	00000/0000	1-10029/0986	09/05/74	0	795	30.3	161.1		PP G	
15409W	5555N	1841-20405	00000/0000	1-10032/0531	11/11/74	100	1729	14.7	160.3		GGGP	
15410W	5559N	1823-20413	00000/0000	1-10031/0488	10/24/74	70	1478	20.2	159.3		GGPG	
15413W	6640N	1757-21143	00000/0000	1-10029/0007	08/19/74	30	558	35.0	160.7		PGP	
15413W	6520N	1756-21092	00000/0000	1-10027/1812	08/18/74	100	544	36.4	158.6		GGGG	
15414W	5545N	1787-20421	00000/0000	1-10030/0223	09/18/74	10	976	33.2	153.4		GGGG	
15416W	5553N	1949-20362	00000/0000	1-10035/0467	02/27/75	40	3235	21.6	149.7		FFFF	
15418W	6005N	1825-20514	00000/0000	1-10031/0885	10/26/74	70	1506	16.1	162.4		G PP	
15419W	6004N	1807-20520	00000/0000	1-10031/0109	10/08/74	20	1255	22.4	160.5		GGGG	
15419W	5549N	1733-20442	00000/0000	1-10027/0840	07/26/74	50	223	49.2	143.0		GGGG	
15420W	7044N	1743-21365	00000/0000	1-10027/1277	08/05/74	30	363	35.8	166.6		GGGG	
15420W	6004N	1843-20510	00000/0000	1-10032/0094	11/13/74	100	1757	10.6	163.0		GPP	
15422W	7038N	1779-21352	00000/0000	00000/0000	09/10/74	70	865	23.9	169.7		GGGG	
15424W	7038N	1761-21361	00000/0000	1-10029/0230	08/23/74	40	614	30.4	167.8		GGPG	
15424W	6934N	1814-21291	00000/0000	1-10030/1542	10/15/74	70	1353	11.6	171.4		GGGG	
15424W	6003N	1951-20463	00000/0000	1-10036/0007	03/01/75	30	3263	19.4	152.7		GGGG	
15425W	6007N	1969-20454	00000/0000	1-10035/1189	03/19/75	10	3514	26.4	152.0		GGGF	
15426W	7202N	1817-21453	00000/0000	1-10030/1630	10/18/74	0	1395	8.2	175.7		GGGG	
15427W	6938N	1958-21232	00000/0000	1-10035/0909	03/08/75	20	3361	14.7	163.2		FFFF	
15427W	5954N	1789-20522	00000/0000	1-10030/0375	09/20/74	90	1004	29.2	157.5		GGGG	
15428W	5957N	1933-20472	00000/0000	1-10034/0327	02/11/75	0	3012	13.1	153.9		GGGG	

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OF POOR QUALITY

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15429W	5952N	1771-20531	00000/0000	1-10031/0013	09/02/74	70	753	35.6	154.2		GGPP	
15431W	6000N	1735-20543	00000/0000	1-10027/0903	07/28/74	10	251	46.0	149.0		GGPG	
15432W	7203N	1943-21403	00000/0000	1-10035/0117	02/21/75	10	3152	7.0	167.3		GFFG	
15432W	5956N	1753-20535	00000/0000	1-10027/1793	08/15/74	10	502	41.3	151.1		GGGG	
15434W	6935N	1976-21223	00000/0000	1-10036/0040	03/26/75	0	3612	21.9	163.4		GFGG	
15436W	7206N	1979-21385	00000/0000	1-10036/0545	03/29/75	10	3654	21.0	168.2		GGGG	
15439W	6127N	1808-20571	00000/0000	1-10031/0142	10/09/74	40	1269	20.9	161.8		GPGG	
15441W	6126N	1826-20570	00000/0000	1-10031/0613	10/27/74	70	1520	14.6	163.5		P PP	
15442W	6923N	1796-21292	00000/0000	1-10030/0843	09/27/74	90	1102	18.6	169.5		PGGP	
15444W	5719N	1824-20465	00000/0000	1-10031/0540	10/25/74	60	1492	18.7	160.3		GGPP	
15445W	6127N	1844-20562	00000/0000	1-10032/0128	11/14/74	100	1771	9.2	163.9		P G	
15445W	5715N	1806-20470	00000/0000	1-10031/0083	10/07/74	50	1241	25.1	158.1		GPPP	
15447W	6132N	1970-20505	00000/0000	1-10037/0027	03/20/75	0	3528	25.7	153.3		GF+G	
15448W	6128N	1952-20514	00000/0000	1-10035/0574	03/02/75	10	3277	18.7	153.9		GGGG	
15449W	5710N	1788-20473	00000/0000	1-10030/0358	09/19/74	80	990	31.7	154.8		PPGG	
15450W	5713N	1932-20422	00000/0000	1-10034/0244	02/10/75	0	2998	14.9	152.1		FG+G	
15451W	6116N	1790-20574	00000/0000	1-10030/0589	09/21/74	100	1018	27.7	159.0		GPGG	
15452W	5720N	1968-20405	00000/0000	1-10035/1157	03/18/75	10	3500	28.0	149.5		FGGG	
15452W	5713N	1734-20494	00000/0000	1-10027/0866	07/27/74	0	237	48.0	145.1		GGGG	
15453W	7158N	1781-21462	00000/0000	1-10029/1188	09/12/74	80	893	22.0	172.4		GGG	
15453W	6114N	1772-20583	00000/0000	1-10029/0844	09/03/74	0	767	34.3	155.9		GGPG	
15454W	6926N	1742-21313	00000/0000	1-10027/1252	08/04/74	0	349	37.2	164.0		GG G	
15454W	6815N	1813-21235	00000/0000	1-10030/1444	10/14/74	0	1339	13.1	169.5		P G	
15454W	6123N	1736-20595	00000/0000	1-10027/0919	07/29/74	90	265	44.8	151.0		GG G	
15455W	7159N	1745-21474	00000/0000	1-10027/1412	08/07/74	30	391	34.2	169.5		GG G	
15455W	6251N	1809-21023	00000/0000	1-10030/1244	10/10/74	80	1283	19.3	163.2		GPPP	
15456W	6919N	1778-21301	00000/0000	1-10029/1101	09/09/74	10	851	25.5	167.3		GPPG	
15456W	5705N	1770-20482	00000/0000	1-10029/0733	09/01/74	80	739	38.0	151.1		GGGG	
15457W	6125N	5060-20461	00000/0000	1-10039/0011	06/18/75	100	4783	48.8	146.3		FFGG	
15457W	5708N	1752-20490	00000/0000	1-10027/1756	08/14/74	50	488	43.6	147.6		PPGG	
15459W	6249N	1827-21022	00000/0000	1-10031/0045	10/28/74	60	1534	13.1	164.6		PPGG	
15459W	6115N	1754-20591	00000/0000	1-10027/1901	08/16/74	90	516	40.1	152.9		GGPG	
15501W	6819N	1957-21180	00000/0000	1-10035/0838	03/07/75	0	3347	15.4	161.2		FGGG	
15502W	6921N	1760-21305	00000/0000	1-10029/0136	08/22/74	10	600	31.8	165.3		GGGG	
15504W	6247N	1953-20570	00000/0000	1-10035/0534	03/03/75	90	3291	18.1	155.1		FGGF	

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15505W 6806N	1795-21240	00000/0000	1-10030/0677	09/26/74	80	1088	20.1	167.5		P GP	
15505W 6413N	1810-21075	00000/0000	1-10030/1290	10/11/74	20	1297	17.8	164.6		GGGG	
15506W 6654N	1812-21183	00000/0000	1-10030/1422	10/13/74	50	1325	14.7	167.7		PPG	
15506W 6251N	1971-20561	00000/0000	1-10036/0192	03/21/75	10	3542	25.1	154.7		FGFG	
15510W 6814N	1975-21172	00000/0000	1-10036/0380	03/25/75	0	3598	22.6	161.3		GFGG	
15510W 6700N	1956-21125	00000/0000	1-10035/0700	03/06/75	20	3333	16.0	159.5		GGGG	
15511W 6655N	1830-21181	00000/0000	1-10031/0740	10/31/74	90	1576	8.5	168.7		PPGG	
15511W 6410N	1828-21073	00000/0000	1-10031/0672	10/29/74	50	1548	11.5	165.9		PPG	
15511W 6239N	1791-21025	00000/0000	1-10030/0506	09/22/74	100	1032	26.2	160.6		G PP	
15512W 6535N	1829-21125	00000/0000	1-10031/0701	10/30/74	90	1562	10.0	167.3		PGP	
15512W 6245N	1737-21050	00000/0000	1-10028/0068	07/30/74	90	279	43.6	153.0		PG P	
15512W 6239N	1773-21034	00000/0000	1-10029/0876	09/04/74	0	781	32.8	157.6		GGGG	
15514W 6533N	1811-21131	00000/0000	1-10030/1348	10/12/74	50	1311	16.3	166.1		GGPG	
15515W 7056N	1960-21342	00000/0000	1-10035/0962	03/10/75	10	3389	14.4	165.3		FGFF	
15516W 5842N	1825-20521	00000/0000	1-10031/0897	10/26/74	100	1506	17.2	161.3		RGPP	
15517W 6412N	1954-21022	00000/0000	1-10035/0560	03/04/75	90	3305	17.4	156.4		GGFG	
15517W 5841N	1807-20522	00000/0000	1-10031/0110	10/08/74	20	1255	23.6	159.4		GGGG	
15518W 7214N	1800-21511	00000/0000	1-10030/0917	10/01/74	60	1158	14.4	174.9		G PP	
15518W 6644N	1794-21184	00000/0000	1-10030/0655	09/25/74	100	1074	21.7	165.6		PPG	
15519W 6538N	1955-21073	00000/0000	1-10035/0680	03/05/75	30	3319	16.7	157.9		GGGG	
15519W 5841N	1843-20512	00000/0000	1-10032/0095	11/13/74	100	1757	11.8	162.0		PPP	
15520W 6408N	1738-21102	00000/0000	1-10027/1008	07/31/74	80	293	42.3	155.1		GP G	
15520W 6238N	1755-21042	00000/0000	1-10028/0040	08/17/74	90	530	38.8	154.8		GP GP	
15522W 7046N	1816-21401	00000/0000	1-10030/1517	10/17/74	60	1381	9.7	173.4		GP GG	
15522W 6656N	1974-21120	00000/0000	1-10036/0315	03/24/75	60	3584	23.2	159.5		GGGG	
15522W 6414N	1972-21013	00000/0000	1-10036/0207	03/22/75	60	3556	24.5	156.2		GGFG	
15522W 6400N	1792-21081	00000/0000	1-10030/0521	09/23/74	90	1046	24.7	162.1		PPGP	
15523W 6806N	1741-21261	00000/0000	1-10027/1186	08/03/74	50	335	38.5	161.6		GGGG	
15523W 6758N	1777-21245	00000/0000	1-10029/1066	09/08/74	0	837	27.0	165.1		PPPG	
15523W 5840N	1951-20465	00000/0000	1-10036/0008	03/01/75	70	3263	20.4	151.6		GGGG	
15524W 5843N	1969-20460	00000/0000	1-10035/1190	03/19/75	10	3514	27.4	150.7		GFFF	
15525W 6536N	1973-21064	00000/0000	1-10036/0279	03/23/75	20	3570	23.9	157.7		FFGF	
15525W 5834N	1933-20474	00000/0000	1-10034/0328	02/11/75	0	3012	14.1	153.0		GGGG	
15525W 5832N	1789-20525	00000/0000	1-10030/0376	09/20/74	90	1004	30.3	156.3		GP GG	
15526W 6804N	1759-21253	00000/0000	1-10029/0116	08/21/74	10	586	33.2	163.0		GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED, G=GOOD, P=POOR, F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV, M=MADE FROM MSS, B=MADE FROM RBV AND MSS.

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15526W 5829N	1771-20533	00000/0000	1-10031/0014	09/02/74	50	753	36.7	152.7		PPPP	
15527W 6520N	1793-21133	00000/0000	1-10030/0622	09/24/74	90	1060	23.2	163.7		PPP	
15527W 6400N	1774-21090	00000/0000	1-10029/0987	09/05/74	0	795	31.4	159.4		GP G	
15528W 5837N	1735-20545	00000/0000	1-10027/0904	07/28/74	30	251	46.9	147.1		GGPG	
15529W 6529N	1739-21154	00000/0000	1-10027/1019	08/01/74	30	307	41.0	157.2		PG G	
15530W 5833N	1753-20541	00000/0000	1-10027/1794	08/15/74	20	502	42.3	149.5		GGGG	
15532W 6646N	1740-21205	00000/0000	1-10027/1147	08/02/74	10	321	39.8	159.3		GG G	
15533W 6520N	1775-21142	00000/0000	1-10029/0967	09/06/74	0	809	29.9	161.2		GP G	
15533W 6400N	1756-21094	00000/0000	1-10027/1813	08/18/74	90	544	37.4	156.8		GGGG	
15534W 6639N	1776-21193	00000/0000	1-10029/1044	09/07/74	0	823	28.5	163.1		GP G	
15535W 5555N	1824-20471	00000/0000	1-10031/0541	10/25/74	50	1492	19.9	159.4		GGPP	
15536W 7050N	1978-21333	00000/0000	1-10037/0090	03/28/75	70	3640	21.7	165.6		PG F	
15537W 6643N	1758-21201	00000/0000	1-10029/0094	08/20/74	0	572	34.6	160.9		GGGG	
15537W 5552N	1806-20473	00000/0000	1-10031/0084	10/07/74	40	1241	26.2	157.1		PPPG	
15539W 6519N	1757-21150	00000/0000	1-10029/0008	08/19/74	60	558	36.0	158.7		PG G	
15541W 7043N	1744-21423	00000/0000	1-10027/1386	08/06/74	20	377	35.5	166.7		GP P	
15541W 5549N	1932-20425	00000/0000	1-10034/0245	02/10/75	10	2998	15.9	151.2		FGGG	
15542W 5550N	1734-20500	00000/0000	1-10027/0867	07/27/74	30	237	48.9	143.1		GP G	
15543W 6004N	1808-20574	00000/0000	1-10031/0143	10/09/74	40	1269	22.0	160.6		PGPG	
15543W 5556N	1968-20411	00000/0000	1-10035/1158	03/18/75	30	3500	29.0	148.3		GG F	
15544W 6003N	1826-20572	00000/0000	1-10031/0614	10/27/74	90	1520	15.7	162.4		P P	
15545W 5542N	1770-20484	00000/0000	1-10029/0734	09/01/74	60	739	39.0	149.6		GGGG	
15546W 7038N	1780-21410	00000/0000	1-10030/0154	09/11/74	70	879	23.6	169.8		P PP	
15546W 5545N	1752-20492	00000/0000	1-10027/1757	08/14/74	80	488	44.5	145.9		GGGG	
15549W 6004N	1844-20564	00000/0000	1-10032/0129	11/14/74	100	1771	10.4	162.9		P G	
15550W 7038N	1762-21415	00000/0000	1-10029/0243	08/24/74	60	628	30.0	167.9		GGPP	
15550W 6009N	1970-20512	00000/0000	1-10037/0028	03/20/75	0	3528	26.7	152.0		GGGG	
15551W 6005N	1952-20521	00000/0000	1-10035/0575	03/02/75	10	3277	19.7	152.7		GGGG	
15552W 6940N	1959-21290	00000/0000	1-10035/0986	03/09/75	0	3375	15.0	163.2		GGGG	
15553W 5954N	1790-20580	00000/0000	1-10030/0590	09/21/74	90	1018	28.8	157.7		GP G	
15555W 6000N	1736-21001	00000/0000	1-10027/0920	07/29/74	90	265	45.7	149.1		PP G	
15556W 5952N	1772-20585	00000/0000	1-10029/0845	09/03/74	0	767	35.3	154.4		GGPG	M
15558W 7204N	1818-21511	00000/0000	1-10031/0203	10/19/74	30	1409	7.8	175.7		PPPP	
15558W 6003N	5060-20464	00000/0000	1-10039/0012	06/18/75	90	4783	49.6	144.2		GGGF	
15601W 5952N	1754-20593	00000/0000	1-10027/1902	08/16/74	90	516	41.1	151.2		GGPG	

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15603W	6129N	1809-21090	00000/0000	1-10030/1245	10/10/74	30	1283	20.5	162.0		GPPP
15606W	6925N	1797-21350	00000/0000	1-10030/0828	09/28/74	100	1116	18.2	169.6		PGP
15608W	7207N	1980-21443	00000/0000	1-10036/0561	03/30/75	20	3668	21.4	168.2		GFFF
15608W	6935N	1977-21281	00000/0000	1-10036/0250	03/27/75	90	3626	22.3	163.4		FFFF
15608W	6127N	1827-21024	00000/0000	1-10031/0046	10/28/74	10	1534	14.2	163.5		GGGP
15610W	5718N	1825-20523	00000/0000	1-10031/0898	10/26/74	100	1506	18.4	160.4		PGPP
15612W	6126N	1845-21020	00000/0000	1-10032/0690	11/15/74	80	1785	8.9	163.9		GG G
15612W	6125N	1953-20573	00000/0000	1-10035/0535	03/03/75	100	3291	19.1	153.8		FFFF
15612W	5717N	1807-20525	00000/0000	1-10031/0111	10/08/74	40	1255	24.7	158.3		GGG
15614W	6129N	1971-20564	00000/0000	1-10036/0193	03/21/75	0	3542	26.2	153.2		GGGG
15615W	6815N	1814-21293	00000/0000	1-10030/1543	10/15/74	40	1353	12.8	169.6		PGPG
15617W	7155N	1782-21520	00000/0000	1-10030/0067	09/13/74	90	907	21.7	172.4		GGGG
15617W	6117N	1791-21032	00000/0000	1-10030/0507	09/22/74	100	1032	27.3	159.2		P P
15617W	5717N	1951-20472	00000/0000	1-10036/0009	03/01/75	90	3263	21.4	150.5		GGFF
15618W	6116N	1773-21041	00000/0000	1-10029/0877	09/04/74	0	781	33.9	156.1		GGG
15618W	5720N	1969-20463	00000/0000	1-10035/1191	03/19/75	20	3514	28.4	149.4		FFGF
15619W	7159N	1746-21533	00000/0000	1-10027/1498	08/08/74	60	405	33.9	169.5		PPPP
15619W	6820N	1958-21235	00000/0000	1-10035/0910	03/08/75	60	3361	15.7	161.3		FFFF
15619W	6251N	1810-21082	00000/0000	1-10030/1291	10/11/74	60	1297	19.0	163.3		PPGG
15619W	6123N	1737-21053	00000/0000	1-10028/0069	07/30/74	90	279	44.5	151.1		PP P
15619W	5711N	1933-20481	00000/0000	1-10034/0329	02/11/75	40	3012	15.2	152.0		GGGG
15619W	5709N	1789-20531	00000/0000	1-10030/0377	09/20/74	90	1004	31.4	155.0		GPGG
15620W	5706N	1771-20540	00000/0000	1-10031/0015	09/02/74	30	753	37.7	151.3		GPPP
15621W	5713N	1735-20552	00000/0000	1-10027/0905	07/28/74	50	251	47.8	145.2		GGPG
15622W	6926N	1743-21371	00000/0000	1-10027/1278	08/05/74	20	363	36.9	164.1		GGG
15622W	6921N	1779-21355	00000/0000	00000/0000	09/10/74	20	865	25.1	167.5		GGGG
15622W	5709N	1753-20544	00000/0000	1-10027/1795	08/15/74	50	502	43.3	147.8		GGGG
15626W	6816N	1976-21230	00000/0000	1-10036/0041	03/26/75	0	3612	22.9	161.4		GGFG
15626W	6248N	1828-21080	00000/0000	1-10031/0673	10/29/74	40	1548	12.7	164.7		PPG
15627W	6115N	1755-21045	00000/0000	1-10028/0041	08/17/74	80	530	39.8	153.1		GGGG
15631W	6805N	1796-21294	00000/0000	1-10030/0844	09/27/74	80	1102	19.7	167.6		GPPP
15631W	6250N	1954-21024	00000/0000	1-10035/0561	03/04/75	90	3305	18.4	155.1		GGFG
15633W	6656N	1813-21242	00000/0000	1-10030/1433	10/14/74	30	1339	14.3	167.8		P GG
15633W	6246N	1738-21104	00000/0000	1-10027/1009	07/31/74	60	293	43.3	153.1		GG G
15634W	6413N	1829-21131	00000/0000	1-10031/0702	10/30/74	80	1562	11.2	166.0		PGPP

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OF POOR QUALITY

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
15634W	6238N	1792-21084	00000/0000	1-10030/0522	09/23/74	100	1046	25.9	160.7		GP	G				
15636W	6411N	1811-21174	00000/0000	1-10030/1349	10/12/74	100	1311	17.5	164.7		G	P	P	P		
15636W	6253N	1972-21015	00000/0000	1-10036/0214	03/22/75	20	3556	25.5	154.7			F	G			
15637W	6534N	1812-21190	00000/0000	1-10030/1423	10/13/74	70	1325	15.9	166.2			P	P	G		
15638W	7057N	1961-21400	00000/0000	1-10035/1057	03/11/75	50	3403	14.8	165.4			F	G	F	G	
15640W	6540N	1956-21131	00000/0000	1-10035/0701	03/06/75	30	3333	17.0	158.0			G	G	F	G	
15640W	6416N	1955-21080	00000/0000	1-10035/0681	03/05/75	40	3319	17.7	156.5			F	G	F	G	
15640W	6238N	1774-21092	00000/0000	1-10029/0988	09/05/74	40	795	32.5	157.8			G	P	G		
15641W	6659N	1957-21183	00000/0000	1-10035/0839	03/07/75	0	3347	16.4	159.5			G	G	G	G	
15641W	6535N	1830-21183	00000/0000	1-10031/0741	10/31/74	80	1576	9.7	167.3			G	P	P	G	
15641W	5841N	1808-20580	00000/0000	1-10031/0144	10/09/74	70	1269	23.2	159.5			G	P	P	G	
15642W	5841N	1826-20575	00000/0000	1-10031/0617	10/27/74	100	1520	16.9	161.4			P	P	P		
15643W	6807N	1742-21315	00000/0000	1-10027/1253	08/04/74	10	349	38.2	161.7			G	G	P	P	
15643W	6801N	1778-21303	00000/0000	1-10029/1102	09/09/74	0	851	26.6	165.3			G	G	G	G	
15643W	6647N	1795-21242	00000/0000	1-10030/0678	09/26/74	90	1088	21.2	165.7			P	P	P		
15645W	7047N	1817-21460	00000/0000	1-10030/1631	10/18/74	0	1395	9.4	173.4			G	G	P	P	
15645W	6237N	1756-21101	00000/0000	1-10027/1814	08/18/74	100	544	38.4	155.0			G	G	G	G	
15646W	6359N	1793-21135	00000/0000	1-10030/0623	09/24/74	60	1060	24.4	162.2			P	P	P		
15647W	6524N	1794-21191	00000/0000	1-10030/0656	09/25/74	100	1074	22.8	164.0			P	P	G		
15647W	6415N	1973-21071	00000/0000	1-10036/0280	03/23/75	50	3570	24.9	156.1			F	F	G	G	
15648W	5841N	1844-20571	00000/0000	1-10032/0139	11/14/74	100	1771	11.5	162.0				G			
15649W	6654N	1975-21174	00000/0000	1-10036/0381	03/25/75	0	3598	23.6	159.5			G	F	G	G	
15649W	5846N	1970-20514	00000/0000	1-10037/0029	03/20/75	0	3528	27.7	150.7			G	G	G	G	
15650W	6802N	1760-21311	00000/0000	1-10029/0137	08/22/74	20	600	32.9	163.1			G	G	G	G	
15650W	6407N	1739-21160	00000/0000	1-10027/1014	08/01/74	40	307	42.1	155.2			P	P	G		
15650W	5842N	1952-20523	00000/0000	1-10035/0576	03/02/75	10	3277	20.7	151.6			G	G	G	G	
15651W	7048N	1943-21405	00000/0000	1-10035/0118	02/21/75	10	3152	8.0	165.0			F	F	G	G	
15651W	5832N	1790-20583	00000/0000	1-10030/0591	09/21/74	90	1018	29.9	156.4			G	P	G	G	
15652W	6536N	1974-21122	00000/0000	1-10036/0316	03/24/75	40	3584	24.2	157.8			F	G	G	G	
15652W	5838N	1736-21004	00000/0000	1-10027/0921	07/29/74	90	265	46.7	147.2			G	G	P		
15653W	6359N	1775-21144	00000/0000	1-10029/0968	09/06/74	0	809	31.0	159.5			G	G	G	G	
15654W	5828N	1772-20592	00000/0000	1-10029/0846	09/03/74	10	767	36.3	152.9			G	G	G	P	
15657W	7050N	1979-21391	00000/0000	1-10036/0546	03/29/75	30	3654	22.0	165.7			G	G	G	G	
15657W	6358N	1757-21152	00000/0000	1-10029/0009	08/19/74	80	558	37.1	156.9			P	G	P		
15659W	5829N	1754-21000	00000/0000	1-10027/1903	08/16/74	60	516	42.1	149.6			G	G	P	G	

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03:20 SEP 30, 1975

ERTS-1
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STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0673

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS			
LONG	LAT		RBV	MSS		%				123	45678	B	P	P	B
												C	C	D	D
15700W	6638N	1777-21251	00000/0000	1-10029/1067	09/08/74	0	837	28.1	163.2		PPPG				
15701W	6647N	1741-21264	00000/0000	1-10027/1187	08/03/74	0	335	39.5	159.4		GGGG				
15701W	6525N	1740-21212	00000/0000	1-10027/1148	08/02/74	10	321	40.8	157.2		PG G				
15701W	5555N	1825-20530	00000/0000	1-10031/0899	10/26/74	100	1506	19.6	159.5		GPPF				
15702W	6519N	1776-21200	00000/0000	1-10029/1045	09/07/74	0	823	29.6	161.3		GGGG				
15702W	5553N	1807-20531	00000/0000	1-10031/0112	10/08/74	30	1255	25.8	157.2		GGGG				
15703W	6644N	1759-21260	00000/0000	1-10029/0117	08/21/74	0	586	34.3	161.0		GGGG				
15705W	6522N	1758-21204	00000/0000	1-10029/0095	08/20/74	50	572	35.7	158.9		GGGG				
15705W	6006N	1809-21032	00000/0000	1-10030/1246	10/10/74	50	1283	21.7	160.8		GPPF				
15708W	5554N	1951-20474	00000/0000	1-10036/0010	03/01/75	100	3263	22.4	149.5		GGGG				
15709W	5556N	1969-20465	00000/0000	1-10035/1192	03/19/75	40	3514	29.3	148.2		FGGG				
15709W	5548N	1933-20483	00000/0000	1-10034/0330	02/11/75	50	3012	16.2	151.1		GGGG				
15709W	5545N	1789-20534	00000/0000	1-10030/0378	09/20/74	80	1004	32.5	153.8		GPPF				
15710W	5542N	1771-20542	00000/0000	1-10031/0016	09/02/74	90	753	38.7	149.8		PPPP				
15711W	7041N	1781-21464	00000/0000	1-10029/1189	09/12/74	80	893	23.2	169.9		GGGG				
15711W	6004N	1827-21031	00000/0000	1-10031/0047	10/28/74	90	1534	15.4	162.5		GPPF				
15711W	5550N	1735-20554	00000/0000	1-10027/0906	07/28/74	80	251	48.7	143.3		GGGG				
15711W	5546N	1753-20550	00000/0000	1-10027/1796	08/15/74	90	502	44.2	146.1		GGGG				
15712W	7043N	1745-21481	00000/0000	1-10027/1413	08/07/74	60	391	35.3	166.7		GG G				
15715W	6003N	1845-21022	00000/0000	1-10032/0691	11/15/74	10	1785	10.1	162.9		GG G				
15715W	6003N	1953-20575	00000/0000	1-10035/0536	03/03/75	100	3291	20.1	152.6		GFGF				
15717W	6007N	1971-20570	00000/0000	1-10036/0194	03/21/75	0	3542	27.2	151.9		GGGG				
15718W	5954N	1791-21034	00000/0000	1-10030/0508	09/22/74	100	1032	28.5	157.9		P P				
15719W	5954N	1773-21043	00000/0000	1-10029/0878	09/04/74	0	781	34.9	154.6		GGGG				
15720W	6939N	1960-21344	00000/0000	1-10035/0963	03/10/75	50	3389	15.5	163.2		FGFF				
15721W	6000N	1737-21055	00000/0000	1-10028/0070	07/30/74	90	279	45.5	149.2		PG P				
15723W	7204N	1819-21570	00000/0000	1-10031/0232	10/20/74	70	1423	7.4	175.8		PGGP				
15726W	6929N	1816-21404	00000/0000	1-10030/1518	10/17/74	50	1381	10.9	171.4		GPPG				
15727W	6129N	1810-21084	00000/0000	1-10030/1292	10/11/74	90	1297	20.1	162.1		GGGG				
15729W	5952N	1755-21051	00000/0000	1-10028/0042	08/17/74	60	530	40.8	151.4		GGGG				
15730W	7159N	1801-21570	00000/0000	1-10030/0900	10/02/74	80	1172	14.3	174.5		P GG				
15735W	6126N	1828-21082	00000/0000	1-10031/0674	10/29/74	20	1548	13.9	163.6		PPG				
15736W	5718N	1826-20581	00000/0000	1-10031/0618	10/27/74	70	1520	18.1	160.5		PPGP				
15737W	6127N	1846-21074	00000/0000	1-10032/0702	11/16/74	0	1799	8.6	163.9		GP G				
15737W	5718N	1808-20583	00000/0000	1-10031/0145	10/09/74	30	1269	24.3	158.4		GGGG				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0674

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
15739W	7204N	1981-21501	00000/0000	1-10037/0723	03/31/75	40	3682	21.8	168.1		FGGG					
15739W	6933N	1978-21340	00000/0000	1-10037/0091	03/28/75	20	3640	22.7	163.4		FGFG					
15740W	6128N	1954-21031	00000/0000	1-10035/0562	03/04/75	80	3305	19.5	153.8		GFGE					
15741W	7059N	1800-21514	00000/0000	1-10030/0918	10/01/74	70	1158	15.5	172.6		P G					
15741W	6124N	1738-21111	00000/0000	1-10027/1010	07/31/74	20	293	44.3	151.2		GG G					
15741W	6116N	1792-21090	00000/0000	1-10030/0523	09/23/74	90	1046	27.0	159.3		GP GP					
15743W	6925N	1744-21425	00000/0000	1-10027/1387	08/06/74	10	377	36.6	164.2		GP G					
15743W	5722N	1970-20521	00000/0000	1-10037/0030	03/20/75	20	3528	28.7	149.4		FFFG					
15743W	5717N	1844-20573	00000/0000	1-10032/0130	11/14/74	100	1771	12.7	161.2		P G					
15744W	6822N	1959-21293	00000/0000	1-10035/0987	03/09/75	0	3375	16.1	161.3		GGGG					
15744W	6130N	1972-21022	00000/0000	1-10036/0208	03/22/75	0	3556	26.5	153.3		GGFG					
15744W	5718N	1952-20530	00000/0000	1-10035/0577	03/02/75	30	3277	21.7	150.5		GGGG					
15745W	5708N	1790-20585	00000/0000	1-10030/0581	09/21/74	80	1018	31.0	155.2		G GG					
15746W	6115N	1774-21095	00000/0000	1-10029/0989	09/05/74	30	795	33.5	156.3		GP G					
15746W	5713N	1736-21010	00000/0000	1-10027/0922	07/29/74	90	265	47.6	145.3		GG G					
15747W	6922N	1780-21413	00000/0000	1-10030/0169	09/11/74	30	879	24.7	167.6		PP					
15748W	6251N	1829-21134	00000/0000	1-10031/0703	10/30/74	70	1562	12.4	164.8		PGPP					
15748W	5704N	1772-20594	00000/0000	1-10029/0847	09/03/74	40	767	37.4	151.5		GP GG					
15750W	7153N	1783-21574	00000/0000	1-10030/0790	09/14/74	90	921	21.3	172.5		GGGG					
15750W	6250N	1811-21140	00000/0000	1-10030/1350	10/12/74	90	1311	18.6	163.4		PPGP					
15750W	5431N	1825-20532	00000/0000	1-10031/0900	10/26/74	90	1506	20.8	158.6		PGPP					
15750W	5429N	1807-20574	00000/0000	1-10031/0113	10/08/74	30	1255	27.0	156.2		GGGG					
15751W	6920N	1762-21421	00000/0000	1-10029/0244	08/24/74	60	628	31.1	165.5		GGPG					
15751W	6114N	1756-21103	00000/0000	1-10027/1815	08/18/74	40	544	39.5	153.2		GGGG					
15753W	5706N	1754-21002	00000/0000	1-10027/1904	08/16/74	50	516	43.0	147.9		GGPG					
15754W	6254N	1955-21082	00000/0000	1-10035/0682	03/05/75	80	3319	18.7	155.1		GGFG					
15755W	6807N	1797-21352	00000/0000	1-10030/0829	09/28/74	70	1116	19.3	167.7		PPPP					
15755W	6656N	1814-21300	00000/0000	1-10030/1544	10/15/74	10	1353	13.9	167.9		PGGG					
15755W	5430N	1951-20481	00000/0000	1-10036/0011	03/01/75	80	3263	23.4	148.5		GGFG					
15756W	5432N	1969-20472	00000/0000	1-10035/1193	03/19/75	100	3514	30.3	147.0		GGGG					
15756W	5422N	1789-20540	00000/0000	1-10030/0379	09/20/74	40	1004	33.5	152.6		GGGG					
15757W	5424N	1933-20490	00000/0000	1-10034/0331	02/11/75	40	3012	17.2	150.2		GGGG					
15757W	5422N	1753-20553	00000/0000	1-10027/1797	08/15/74	90	502	45.1	144.4		GGGG					
15757W	5418N	1771-20545	00000/0000	1-10031/0017	09/02/74	90	753	39.7	148.4		PGPP					
15758W	6817N	1977-21284	00000/0000	1-10036/0251	03/27/75	90	3626	23.3	161.4		FFGF					

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0675

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15758W 5425N	1735-20561	00000/0000	1-10027/0907	07/28/74	90	251	49.6	141.3		GGPG	
15759W 6701N	1958-21241	00000/0000	1-10035/0911	07/08/75	10	3361	16.8	159.5		FFFF	
15759W 6413N	1812-21192	00000/0000	1-10030/1424	10/13/74	90	1325	17.1	164.8		PPP	
15759W 6237N	1793-21142	00000/0000	1-10030/0624	09/24/74	70	1060	25.5	160.8		PPP	
15801W 6253N	1973-21073	00000/0000	1-10036/0281	03/23/75	20	3570	25.9	154.6		FFFG	
15802W 6419N	1956-21134	00000/0000	1-10035/0702	03/06/75	0	3333	18.1	156.5		GGPG	
15803W 6536N	1813-21244	00000/0000	1-10030/1434	10/14/74	20	1339	15.5	166.3		P PP	
15804W 6414N	1830-21190	00000/0000	1-10031/0742	10/31/74	90	1576	10.8	166.0		GPUG	
15804W 6246N	1739-21163	00000/0000	1-10027/1020	08/01/74	70	307	43.1	153.2		GG G	
15804W 5843N	1809-21035	00000/0000	1-10030/1247	10/10/74	30	1283	22.8	159.7		GPPG	
15806W 6657N	1976-21232	00000/0000	1-10036/0042	03/26/75	20	3612	24.0	159.5		GGGG	
15806W 6237N	1775-21151	00000/0000	1-10029/0969	09/06/74	10	809	32.1	157.9		GGPG	
15808W 6538N	1831-21241	00000/0000	1-10031/0780	11/01/74	90	1590	9.3	167.4		GGPP	
15808W 6403N	1794-21193	00000/0000	1-10030/0657	09/25/74	100	1074	23.9	162.5		PG	
15809W 6646N	1796-21301	00000/0000	1-10030/0845	09/27/74	70	1102	20.9	165.8		GPPG	
15809W 6236N	1757-21155	00000/0000	1-10029/0010	08/19/74	80	558	38.1	155.1		PG G	
15810W 6807N	1743-21374	00000/0000	1-10027/1279	08/05/74	10	363	38.0	161.8		GGG	
15810W 6803N	1779-21361	00000/0000	00000/0000	09/10/74	0	865	26.2	165.5		PGGG	
15810W 5842N	1827-21033	00000/0000	1-10031/0048	10/28/74	90	1534	16.6	161.5		GGGP	
15811W 6526N	1795-21245	00000/0000	1-10030/0679	09/26/74	90	1088	22.4	164.1		P PG	
15812W 6802N	1761-21370	00000/0000	1-10029/0227	08/23/74	40	614	32.6	163.2		G PG	
15813W 6414N	1974-21125	00000/0000	1-10036/0317	03/24/75	20	3584	25.3	156.2		FGGG	
15813W 5840N	1845-21025	00000/0000	1-10032/0692	11/15/74	20	1785	11.3	162.0		PGPP	
15813W 5840N	1953-20582	00000/0000	1-10035/0537	03/03/75	100	3291	21.1	151.5		FFFG	
15815W 5843N	1971-20573	00000/0000	1-10036/0195	03/21/75	0	3542	28.2	150.6		GGGG	
15815W 5832N	1791-21041	00000/0000	1-10030/0509	09/22/74	100	1032	29.6	156.6		G PP	
15816W 5831N	1773-21050	00000/0000	1-10029/0879	09/04/74	50	781	36.0	153.1		GGGG	
15818W 6534N	1975-21181	00000/0000	1-10036/0382	03/25/75	0	3598	24.7	157.7		FGGG	
15819W 7049N	1818-21514	00000/0000	1-10031/0204	10/19/74	40	1409	9.0	173.5		PGGG	
15819W 5837N	1737-21062	00000/0000	1-10028/0071	07/30/74	80	279	46.5	147.3		PP P	
15820W 6646N	1742-21322	00000/0000	1-10027/1254	08/04/74	40	349	39.3	159.5		GPPG	
15820W 6641N	1778-21310	00000/0000	1-10029/1103	09/09/74	0	851	27.7	163.4		GGGG	
15821W 6404N	1740-21214	00000/0000	1-10027/1149	08/02/74	30	321	41.9	155.2		GG G	
15821W 6358N	1776-21202	00000/0000	1-10029/1046	09/07/74	0	823	30.7	159.7		GGGG	
15825W 6644N	1760-21314	00000/0000	1-10029/0138	08/22/74	20	600	34.0	161.1		GGGG	

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0676

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15826W 6401N	1758-21210	00000/0000 1-10029/0096	08/20/74	90	572	36.7	157.1		GGGG	
15826W 5829N	1755-21054	00000/0000 1-10028/0043	08/17/74	80	530	41.8	149.7		GGGP	
15827W 6518N	1777-21254	00000/0000 1-10029/1068	09/08/74	0	837	29.2	161.5		PPPP	
15827W 5554N	1826-20584	00000/0000 1-10031/0619	10/27/74	20	1520	19.3	159.5		PGGP	
15828W 5555N	1808-20585	00000/0000 1-10031/0146	10/09/74	30	1269	25.5	157.4		GGGG	
15829W 7050N	1980-21445	00000/0000 1-10036/0562	03/30/75	60	3668	22.4	165.7		GFPG	
15829W 6525N	1741-21270	00000/0000 1-10027/1188	08/03/74	10	335	40.6	157.3		GPGG	
15830W 6523N	1759-21262	00000/0000 1-10029/0118	08/21/74	0	586	35.4	159.1		GGGG	
15830W 6006N	1810-21091	00000/0000 1-10030/1293	10/11/74	60	1297	21.3	160.9		GGGG	
15833W 5558N	1970-20523	00000/0000 1-10037/0031	03/20/75	30	3528	29.7	148.2		GFGG	
15834W 7038N	1782-21523	00000/0000 1-10030/0068	09/13/74	90	907	22.8	170.0		GGGG	
15834W 5553N	1844-20580	00000/0000 1-10032/0131	11/14/74	90	1771	13.9	160.4		P G	
15835W 5555N	1952-20532	00000/0000 1-10035/0578	03/02/75	70	3277	22.7	149.4		FGFG	
15835W 5544N	1790-20592	00000/0000 1-10030/0582	09/21/74	90	1018	32.1	154.0		G GP	
15837W 5549N	1736-21013	00000/0000 1-10027/0923	07/29/74	100	265	48.5	143.4		GG G	
15838W 5540N	1772-21001	00000/0000 1-10029/0848	09/03/74	80	767	38.4	150.0		PPPP	
15839W 7042N	1746-21535	00000/0000 1-10027/1499	08/08/74	40	405	35.0	166.8		PPPP	
15839W 6004N	1828-21085	00000/0000 1-10031/0675	10/29/74	10	1548	15.1	162.5		PPGP	
15839W 6004N	1846-21080	00000/0000 1-10032/0703	11/16/74	100	1799	9.8	162.9		GP P	
15842W 5953N	1792-21093	00000/0000 1-10030/0524	09/23/74	90	1046	28.1	158.0		PPGP	
15842W 5542N	1754-21005	00000/0000 1-10027/1905	08/16/74	70	516	44.0	146.2		GGPG	
15843W 6941N	1961-21402	00000/0000 1-10035/1058	03/11/75	30	3403	15.8	163.3		GFFG	
15843W 6006N	1954-21033	00000/0000 1-10035/0563	03/04/75	40	3305	20.5	152.6		GGGG	
15844W 6001N	1738-21113	00000/0000 1-10027/1001	07/31/74	70	293	45.3	149.3		G G	
15847W 6007N	1972-21024	00000/0000 1-10036/0209	03/22/75	0	3556	27.5	151.9		GGFG	
15848W 5952N	1774-21101	00000/0000 1-10029/0990	09/05/74	50	795	34.6	154.8		GPFG	
15849W 6929N	1817-21462	00000/0000 1-10030/1632	10/18/74	0	1395	10.5	171.5		GGPG	
15852W 5952N	1756-21110	00000/0000 1-10027/1816	08/18/74	10	544	40.5	151.6		GGGG	
15854W 7205N	1820-22024	00000/0000 1-10031/0314	10/21/74	70	1437	7.1	175.8		G PG	
15854W 7203N	1946-21573	00000/0000 1-10035/1034	02/24/75	50	3194	8.1	167.2		GFFG	
15854W 6931N	1943-21412	00000/0000 1-10035/0119	02/21/75	10	3152	9.1	163.0		GGGF	
15856W 6129N	1829-21140	00000/0000 1-10031/0704	10/30/74	90	1562	13.5	163.7		PGP	
15858W 6128N	1811-21143	00000/0000 1-10030/1351	10/12/74	80	1311	19.8	162.2		PPGP	
15858W 5720N	1809-21041	00000/0000 1-10030/1248	10/10/74	50	1283	24.0	158.6		GPFP	
15859W 7206N	1964-21564	00000/0000 1-10036/0126	03/14/75	80	3445	15.0	167.6		GGGG	

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PRODUCTS ALREADY MADE, R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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ERTS-1
COORDINATE LISTING WITH REDUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0677

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15901W 6932N	1979-21394	00000/0000	1-10036/0547	03/29/75	70	3654	23.1	163.4		GFGF	
15902W 6132N	1955-21085	00000/0000	1-10035/0683	03/05/75	60	3319	19.8	153.8		GFFF	
15904W 7203N	1982-21555	00000/0000	1-10036/0480	04/01/75	20	3696	22.2	168.2		GPGG	
15904W 6126N	1847-21132	00000/0000	1-10032/0384	11/17/74	80	1813	8.4	163.9		PPPP	
15904W 5718N	1827-21040	00000/0000	1-10031/0049	10/28/74	30	1534	17.8	160.5		PPPP	
15905W 7203N	1802-22025	00000/0000	1-10030/0972	10/03/74	90	1186	13.9	174.6		P PG	
15907W 6115N	1793-21144	00000/0000	1-10030/0625	09/24/74	100	1060	26.6	159.5		PPP	
15907W 5717N	1845-21031	00000/0000	1-10032/0693	11/15/74	20	1785	12.5	161.2		PG G	
15908W 7155N	1784-22032	00000/0000	1-10030/0120	09/15/74	100	935	20.9	172.6		G GG	
15908W 5717N	1953-20584	00000/0000	1-10035/0538	03/03/75	100	3291	22.1	150.4		FFGG	
15908W 5708N	1791-21043	00000/0000	1-10030/0510	09/22/74	90	1032	30.6	155.4		G PP	
15909W 6131N	1973-21080	00000/0000	1-10036/0282	03/23/75	30	3570	27.0	153.2		FFFF	
15910W 5720N	1971-20575	00000/0000	1-10036/0196	03/21/75	30	3542	29.2	149.3		GGGG	
15910W 5708N	1773-21052	00000/0000	1-10029/0880	09/04/74	80	781	37.0	151.7		GGGG	
15911W 6922N	1781-21471	00000/0000	1-10029/1190	09/12/74	80	893	24.3	167.7		PGGG	
15911W 6123N	1739-21165	00000/0000	1-10027/1021	08/01/74	70	307	44.1	151.3		GGPG	
15912W 6820N	1960-21351	00000/0000	1-10035/0964	03/10/75	80	3389	16.5	161.3		FGGG	
15913W 6925N	1745-21483	00000/0000	1-10027/1414	08/07/74	20	391	36.3	164.2		GGPG	
15913W 5714N	1737-21064	00000/0000	1-10028/0072	07/30/74	30	279	47.4	145.4		PP P	
15914W 6252N	1812-21195	00000/0000	1-10030/1425	10/13/74	100	1325	18.2	163.5		GPP	
15914W 6115N	1775-21153	00000/0000	1-10029/0970	09/06/74	40	809	33.2	156.4		GGGG	
15915W 6811N	1816-21410	00000/0000	1-10030/1519	10/17/74	0	1381	12.1	169.6		GPGG	
15915W 5431N	1808-20592	00000/0000	1-10031/0147	10/09/74	20	1269	26.6	156.4		GGGP	
15915W 5430N	1826-20590	00000/0000	1-10031/0620	10/27/74	40	1520	20.4	158.7		PGGP	
15916W 6114N	1757-21161	00000/0000	1-10029/0011	08/19/74	40	558	39.2	153.4		PGPP	
15917W 6257N	1956-21140	00000/0000	1-10035/0703	03/06/75	0	3333	19.1	155.1		GFGG	
15919W 7158N	1748-22045	00000/0000	1-10027/1578	08/10/74	50	433	33.3	169.6		GGGG	
15919W 6252N	1830-21192	00000/0000	1-10031/0743	10/31/74	80	1576	12.0	164.8		GPPG	
15920W 5706N	1755-21060	00000/0000	1-10028/0044	08/17/74	80	530	42.7	148.1		GGPG	
15921W 6242N	1794-21200	00000/0000	1-10030/0658	09/25/74	90	1074	25.1	161.1		PPG	
15921W 5434N	1970-20530	00000/0000	1-10037/0032	03/20/75	40	3528	30.7	147.0		GGGG	
15921W 5429N	1844-20582	00000/0000	1-10032/0132	11/14/74	50	1771	15.1	159.6		PGPG	
15922W 5430N	1952-20535	00000/0000	1-10035/0579	03/02/75	90	3277	23.7	148.4		GFGG	
15922W 5420N	1790-20594	00000/0000	1-10030/0583	09/21/74	100	1018	33.2	152.8		G GG	
15924W 5425N	1736-21015	00000/0000	1-10027/0924	07/29/74	100	265	49.4	141.5		GG G	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
15925W	6703N	1959-21295	00000/0000	1-10035/0988	09/09/75	0	3375	17.1	159.6		FFGG				
15925W	6536N	1814-21302	00000/0000	1-10030/1545	10/15/74	0	1353	15.1	166.4		PGGG				
15925W	6415N	1813-21251	00000/0000	1-10030/1435	10/14/74	20	1339	16.7	164.9		P GP				
15925W	5416N	1772-21003	00000/0000	1-10029/0834	09/03/74	100	767	39.4	148.6		G GP				
15927W	6252N	1974-21131	00000/0000	1-10036/0318	03/24/75	0	3584	26.3	154.6		GGGG				
15929W	6815N	1978-21342	00000/0000	1-10037/0092	03/28/75	10	3640	23.8	161.3		FGGG				
15929W	6540N	1958-21244	00000/0000	1-10035/0912	03/08/75	10	3361	17.8	157.9		FFFF				
15929W	5843N	1810-21093	00000/0000	1-10030/1294	10/11/74	40	1297	22.4	159.8		PGGG				
15929W	5419N	1754-21011	00000/0000	1-10027/1906	08/16/74	80	516	44.9	144.6		GGGG				
15930W	6417N	1831-21244	00000/0000	1-10031/0781	11/01/74	90	1590	10.5	166.1		GPPP				
15931W	6807N	1744-21432	00000/0000	1-10027/1388	08/06/74	10	377	37.7	161.8		GG G				
15931W	6537N	1832-21295	00000/0000	1-10031/0855	11/02/74	100	1604	9.0	167.4		PGPP				
15932W	6405N	1795-21251	00000/0000	1-10030/0680	09/26/74	90	1088	23.5	162.6		P PP				
15934W	6647N	1797-21355	00000/0000	1-10030/0830	09/28/74	50	1116	20.5	166.0		PPG				
15934W	6242N	1740-21221	00000/0000	1-10027/1150	08/02/74	30	321	42.9	153.2		GG G				
15934W	6236N	1776-21205	00000/0000	1-10029/1047	09/07/74	0	823	31.8	158.1		GGP				
15936W	6803N	1780-21415	00000/0000	1-10030/0155	09/11/74	40	879	25.8	165.6		P PP				
15936W	6537N	1976-21235	00000/0000	1-10036/0043	03/26/75	70	3612	25.0	157.8		FFFF				
15936W	5842N	1846-21083	00000/0000	1-10032/0704	11/16/74	90	1799	11.0	162.0		GP P				
15937W	6657N	1977-21290	00000/0000	1-10036/0252	03/27/75	90	3626	24.4	159.5		FFFF				
15937W	5841N	1828-21091	00000/0000	1-10031/0676	10/29/74	40	1548	16.3	161.5		PPG				
15938W	6801N	1762-21424	00000/0000	1-10029/0245	08/24/74	40	628	32.2	163.3		GGPG				
15938W	6525N	1796-21303	00000/0000	1-10030/0846	09/27/74	90	1102	22.0	164.2		PGPG				
15938W	6412N	1975-21183	00000/0000	1-10036/0383	03/25/75	0	3598	25.7	156.1		GGGG				
15938W	5830N	1792-21095	00000/0000	1-10030/0525	09/23/74	100	1046	29.2	156.8		PPGP				
15939W	6240N	1758-21213	00000/0000	1-10029/0097	08/20/74	80	572	37.8	155.3		GGGG				
15941W	5843N	1954-21040	00000/0000	1-10035/0564	03/04/75	10	3305	21.5	151.5		GGFG				
15942W	5838N	1738-21120	00000/0000	1-10027/1011	07/31/74	90	293	46.2	147.4		GP				
15944W	7049N	1945-21521	00000/0000	1-10035/0597	02/23/75	90	3180	8.8	165.0		FFGG				
15944W	7048N	1819-21572	00000/0000	1-10031/0233	10/20/74	60	1423	8.6	173.5		GPPG				
15944W	5829N	1774-21104	00000/0000	1-10029/0974	09/05/74	70	795	35.6	153.3		G PG				
15945W	5844N	1972-21031	00000/0000	1-10036/0210	03/22/75	0	3556	28.5	150.6		GFFG				
15946W	6357N	1777-21260	00000/0000	1-10029/1069	09/08/74	0	837	30.3	159.8		PGPG				
15947W	7043N	1801-21573	00000/0000	1-10030/0901	10/02/74	40	1172	15.4	172.1		G PG				
15947W	6942N	1800-21520	00000/0000	1-10030/0919	10/01/74	80	1158	16.7	170.4		P G				

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
15947W	6647N	1743-21380	00000/0000	1-10027/1280	08/05/74	20	363	39.0	159.5		GGGG	
15947W	6645N	1779-21364	00000/0000	00000/0000	09/10/74	0	865	27.3	163.6		GGGG	
15947W	6521N	1778-21312	00000/0000	1-10029/1104	09/09/74	0	851	28.8	161.7		GPPP	
15948W	6525N	1742-21324	00000/0000	1-10027/1255	08/04/74	0	349	40.3	157.4		PPPG	
15948W	6404N	1741-21273	00000/0000	1-10027/1189	08/03/74	30	335	41.6	155.3		GGGG	
15949W	6643N	1761-21372	00000/0000	1-10029/0241	08/23/74	0	614	33.6	161.2		PG	
15949W	6402N	1759-21265	00000/0000	1-10029/0119	08/21/74	10	586	36.4	157.2		GGGG	
15949W	5829N	1756-21112	00000/0000	1-10027/1817	08/18/74	50	544	41.5	149.9		GGGG	
15950W	5556N	1809-21044	00000/0000	1-10030/1249	10/10/74	40	1283	25.1	157.6		PPPP	
15953W	6523N	1760-21320	00000/0000	1-10029/0139	08/22/74	0	600	35.0	159.2		GGGG	
15955W	5555N	1827-21042	00000/0000	1-10031/0050	10/28/74	70	1534	18.9	159.6		GGGP	
15958W	7048N	1981-21503	00000/0000	1-10037/0724	09/31/75	40	3682	22.9	165.6		FGGG	
15958W	5553N	1845-21034	00000/0000	1-10032/0694	11/15/74	20	1785	13.7	160.3		PGPG	
15959W	6007N	1829-21143	00000/0000	1-10031/0705	10/30/74	90	1562	14.7	162.6		PP P	
15959W	5553N	1953-20591	00000/0000	1-10035/0539	03/03/75	90	3291	23.1	149.3		GF F	
15959W	5544N	1791-21050	00000/0000	1-10030/0511	09/22/74	100	1032	31.7	154.2		G PP	
16001W	6005N	1811-21145	00000/0000	1-10030/1352	10/12/74	90	1311	20.9	161.0		GPPG	
16001W	5556N	1971-20582	00000/0000	1-10036/0197	03/21/75	30	3542	30.1	148.1		GGGG	
16001W	5544N	1773-21055	00000/0000	1-10029/0881	09/04/74	80	781	38.0	150.3		GGGG	
16004W	5550N	1737-21071	00000/0000	1-10028/0073	07/30/74	70	279	48.3	143.5		PP P	
16005W	6009N	1955-21091	00000/0000	1-10035/0684	09/05/75	0	3319	20.8	152.6		FF F	
16007W	7037N	1783-21581	00000/0000	1-10030/0791	09/14/74	80	921	22.5	170.1		GGGG	
16007W	6003N	1847-21135	00000/0000	1-10032/0385	11/17/74	60	1813	9.6	162.9		PPGP	
16009W	5953N	1793-21151	00000/0000	1-10030/0626	09/24/74	100	1060	27.8	158.2		PPP	
16010W	5542N	1755-21063	00000/0000	1-10028/0045	08/17/74	90	530	43.7	146.4		GGGG	
16012W	6008N	1979-21082	00000/0000	1-10036/0283	09/23/75	20	3570	28.0	151.8		FFFG	
16013W	6000N	1739-21172	00000/0000	1-10027/1022	08/01/74	80	307	45.0	149.4		GGPG	
16014W	7204N	1821-22082	00000/0000	1-10031/0418	10/22/74	40	1451	6.7	175.8		GGGG	
16014W	7202N	1803-22083	00000/0000	1-10030/1139	10/04/74	80	1200	13.5	174.7		GGGP	
16016W	7203N	1947-22031	00000/0000	1-10035/0190	02/25/75	30	3208	8.5	167.3		GGGG	
16016W	5952N	1775-21160	00000/0000	1-10029/0971	09/06/74	70	809	34.2	154.9		GGGG	
16018W	5951N	1757-21164	00000/0000	1-10029/0001	08/19/74	10	558	40.2	151.7		P PP	
16022W	6130N	1812-21201	00000/0000	1-10030/1426	10/13/74	80	1325	19.4	162.3		PGP	
16023W	6932N	1818-21520	00000/0000	1-10031/0205	10/19/74	20	1409	10.2	171.5		GGGG	
16023W	5720N	1810-21100	00000/0000	1-10030/1295	10/11/74	50	1297	23.6	158.8		GGGG	

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OF POOR QUALITY

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
16024W 7207N	1965-22022	00000/0000	1-10035/0427	03/15/75	50	3459	15.4	167.7		GF GG	
16026W 6135N	1956-21143	00000/0000	1-10035/0704	03/06/75	70	3333	20.1	153.8		GG FG	
16027W 6130N	1830-21195	00000/0000	1-10031/0744	10/31/74	90	1576	13.2	163.7		GP FG	
16029W 6120N	1794-21202	00000/0000	1-10030/0659	09/25/74	80	1074	26.2	159.7		PP PG	
16030W 7204N	1731-22111	00000/0000	1-10027/0685	07/24/74	70	196	37.5	169.3		GG G	
16030W 7203N	1983-22013	00000/0000	1-10036/0601	04/02/75	0	3710	22.6	168.2		GG GG	
16030W 5718N	1846-21085	00000/0000	1-10032/0705	11/16/74	70	1799	12.2	161.2		GP G	
16032W 6933N	1980-21452	00000/0000	1-10036/0563	03/30/75	80	3668	23.5	163.4		GG FG	
16032W 5718N	1828-21094	00000/0000	1-10031/0666	10/29/74	60	1548	17.4	160.6		P P	
16032W 5708N	1792-21102	00000/0000	1-10030/0526	09/23/74	100	1046	30.3	155.6		PP G	
16035W 6822N	1961-21405	00000/0000	1-10035/1059	03/11/75	60	3403	16.9	161.3		GG FG	
16035W 5720N	1954-21042	00000/0000	1-10035/0565	03/04/75	10	3305	22.5	150.4		FG FG	
16036W 7153N	1785-22091	00000/0000	1-10030/0184	09/16/74	90	949	20.5	172.7		PP PP	
16036W 6921N	1782-21525	00000/0000	1-10030/0069	09/13/74	90	907	23.9	167.8		GG GG	
16036W 6130N	1974-21134	00000/0000	1-10036/0319	03/24/75	0	3584	27.3	153.2		FG GG	
16036W 5714N	1738-21122	00000/0000	1-10027/1012	07/31/74	90	293	47.1	145.5		GP G	
16037W 5707N	1774-21110	00000/0000	1-10029/0975	09/05/74	100	795	36.7	151.9		G G	
16039W 5720N	1972-21033	00000/0000	1-10036/0211	03/22/75	30	3556	29.5	149.3		GG GG	
16039W 5432N	1809-21050	00000/0000	1-10030/1250	10/10/74	40	1283	26.2	156.6		PP PP	
16040W 6811N	1817-21465	00000/0000	1-10030/1633	10/18/74	10	1395	11.7	169.7		GG GG	
16040W 6253N	1819-21253	00000/0000	1-10030/1436	10/14/74	0	1339	17.9	163.6		P GG	
16040W 6121N	1740-21223	00000/0000	1-10027/1151	08/02/74	30	321	43.8	151.3		GG G	
16041W 6924N	1746-21542	00000/0000	1-10027/1500	08/08/74	20	405	36.1	164.3		PP PP	
16041W 6114N	1776-21211	00000/0000	1-10029/1048	09/07/74	20	823	32.8	156.6		GG PG	
16042W 5706N	1756-21115	00000/0000	1-10027/1818	08/18/74	90	544	42.4	148.3		GG GG	
16044W 5431N	1827-21045	00000/0000	1-10031/0035	10/28/74	50	1534	20.1	158.8		P PP	
16045W 7158N	1749-22103	00000/0000	1-10027/1224	08/11/74	90	447	33.0	169.6		GG GG	
16045W 6813N	1943-21414	00000/0000	1-10035/0120	02/21/75	20	3152	10.1	161.3		FG GG	
16045W 6255N	1831-21250	00000/0000	1-10031/0782	11/01/74	90	1590	11.7	164.9		GP PP	
16045W 6244N	1795-21254	00000/0000	1-10030/0681	09/26/74	90	1088	24.7	161.2		P PG	
16046W 6117N	1758-21215	00000/0000	1-10029/0098	08/20/74	10	572	38.8	153.6		GG GG	
16046W 5429N	1845-21040	00000/0000	1-10032/0695	11/15/74	80	1785	14.8	159.6		GG P	
16047W 5429N	1953-20593	00000/0000	1-10035/0540	03/03/75	40	3291	24.1	148.3		FF FF	
16047W 5421N	1791-21052	00000/0000	1-10030/0512	09/22/74	100	1032	32.8	153.0		G PG	
16048W 5420N	1773-21061	00000/0000	1-10029/0882	09/04/74	100	781	39.0	148.9		GG GG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
16051W	6419N	1958-21250	00000/0000	1-10035/0913	03/08/75	0	3361	18.9	156.5		GFFF				
16052W	6814N	1979-21400	00000/0000	1-10036/0548	03/29/75	60	3654	24.2	161.4		GFGG				
16052W	6701N	1960-21353	00000/0000	1-10035/0965	03/10/75	90	3389	17.6	159.5		FGFF				
16052W	5425N	1737-21073	00000/0000	1-10028/0074	07/30/74	90	279	49.1	141.6		PP P				
16053W	6416N	1832-21302	00000/0000	1-10031/0856	11/02/74	80	1604	10.2	166.1		PPPP				
16053W	6250N	1975-21190	00000/0000	1-10036/0384	03/25/75	0	3598	26.7	154.6		FGFG				
16054W	6651N	1816-21413	00000/0000	1-10030/1520	10/17/74	10	1381	13.3	168.0		GGGG				
16055W	6656N	1834-21405	00000/0000	00000/0000	11/04/74	90	1632	7.2	168.8		PPPP				
16055W	6543N	1959-21302	00000/0000	1-10035/0989	03/09/75	20	3375	18.2	158.0		GFFG				
16056W	5419N	1755-21065	00000/0000	1-10028/0046	08/17/74	100	530	44.6	144.8		GGGG				
16057W	6415N	1976-21241	00000/0000	1-10036/0044	03/26/75	80	3612	26.1	156.1		FGFG				
16058W	6235N	1777-21263	00000/0000	1-10029/1070	09/08/74	0	837	31.4	158.2		PPPP				
16058W	5844N	1829-21145	00000/0000	1-10031/0706	10/30/74	90	1562	15.9	161.6		PPFG				
16058W	5843N	1811-21152	00000/0000	1-10030/1353	10/12/74	80	1311	22.1	159.9		GPPP				
16059W	6804N	1781-21473	00000/0000	1-10029/1191	09/12/74	70	893	25.4	165.7		GGPP				
16059W	6404N	1796-21310	00000/0000	1-10030/0847	09/27/74	80	1102	23.2	162.8		FGPP				
16101W	6807N	1745-21490	00000/0000	1-10027/1415	08/07/74	40	391	37.4	161.9		GG G				
16101W	6242N	1741-21275	00000/0000	1-10027/1190	08/03/74	60	335	42.6	153.3		GGGG				
16101W	6240N	1759-21271	00000/0000	1-10029/0120	08/21/74	20	586	37.5	155.5		GGGG				
16103W	6527N	1797-21361	00000/0000	1-10030/0831	09/28/74	70	1116	21.6	164.4		PPPP				
16104W	5846N	1955-21094	00000/0000	1-10035/0685	03/05/75	0	3319	21.8	151.5		FFGG				
16105W	5840N	1847-21141	00000/0000	1-10032/0386	11/17/74	60	1813	10.7	162.0		PPGP				
16107W	6537N	1977-21293	00000/0000	1-10036/0253	03/27/75	90	3626	25.4	157.8		FFFF				
16107W	6400N	1778-21315	00000/0000	1-10029/1105	09/09/74	0	851	29.9	160.0		GGGG				
16108W	6655N	1978-21345	00000/0000	1-10037/0093	03/28/75	40	3640	24.8	159.5		FGFG				
16108W	6404N	1742-21331	00000/0000	1-10027/1256	08/04/74	10	349	41.3	155.4		PGGG				
16108W	5830N	1793-21153	00000/0000	1-10030/0627	09/24/74	80	1060	28.9	156.9		PPP				
16109W	6647N	1744-21434	00000/0000	1-10027/1389	08/06/74	10	377	38.7	159.6		GP P				
16110W	5845N	1973-21085	00000/0000	1-10036/0284	03/23/75	10	3570	29.0	150.5		FFFG				
16111W	5837N	1739-21174	00000/0000	1-10027/1023	08/01/74	80	307	46.0	147.5		GGPP				
16113W	7047N	1946-21580	00000/0000	1-10035/1035	02/24/75	40	3194	9.2	165.0		GGFG				
16113W	6644N	1780-21422	00000/0000	1-10030/0156	09/11/74	50	879	27.0	163.7		P PP				
16113W	6402N	1760-21323	00000/0000	1-10029/0140	08/22/74	0	600	36.1	157.4		GGGG				
16113W	5829N	1775-21162	00000/0000	1-10029/0960	09/06/74	90	809	35.3	153.5		G PG				
16114W	7049N	1820-22031	00000/0000	1-10031/0315	10/21/74	70	1437	8.3	173.6		G PG				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C O D
LONG	LAT		RBV	MSS						123	45678	
16114W	6642N	1762-21430	00000/0000	1-10029/0246	08/24/74	80	628	33.3	161.3		GGPP	
16115W	6526N	1743-21383	00000/0000	1-10027/1281	08/05/74	20	363	40.0	157.5		GPG	
16115W	6524N	1779-21370	00000/0000	00000/0000	09/10/74	0	865	28.4	161.8		PGGG	
16115W	5557N	1810-21102	00000/0000	1-10030/1296	10/11/74	60	1297	24.7	157.7		PGPG	
16116W	5829N	1757-21170	00000/0000	1-10029/0012	08/19/74	50	558	41.2	150.1		PPPP	
16117W	6523N	1761-21375	00000/0000	1-10029/0228	08/23/74	0	614	34.7	159.3		P G	
16119W	7049N	1964-21571	00000/0000	1-10036/0127	03/14/75	30	3445	16.1	165.2		GGGF	
16121W	7047N	1802-22031	00000/0000	1-10030/0979	10/03/74	40	1186	15.0	172.3		PPGP	
16121W	5555N	1846-21092	00000/0000	1-10032/0706	11/16/74	90	1799	13.4	160.4		GP G	
16122W	5554N	1828-21100	00000/0000	1-10031/0667	10/29/74	90	1548	18.6	159.7		P P	
16122W	5545N	1792-21104	00000/0000	1-10030/0527	09/23/74	100	1046	31.4	154.4		PGGP	
16123W	7047N	1982-21562	00000/0000	1-10036/0481	04/01/75	20	3696	23.3	165.7		FFGG	
16125W	7039N	1784-22035	00000/0000	1-10030/0121	09/15/74	100	935	22.0	170.2		P PG	
16125W	6008N	1812-21204	00000/0000	1-10030/1427	10/13/74	100	1325	20.6	161.2		PPP	
16126W	5556N	1954-21045	00000/0000	1-10035/0566	03/04/75	20	3305	23.5	149.3		FGGF	
16127W	5550N	1738-21125	00000/0000	1-10027/1013	07/31/74	80	293	48.0	143.7		GG P	
16127W	5543N	1774-21113	00000/0000	1-10029/0976	09/05/74	100	795	37.7	150.5		P PP	
16129W	6013N	1956-21145	00000/0000	1-10035/0705	03/06/75	100	3333	21.2	152.6		FGFF	
16130W	6007N	1830-21201	00000/0000	1-10031/0745	10/31/74	100	1576	14.4	162.7		GP GG	
16130W	5556N	1972-21040	00000/0000	1-10036/0212	03/22/75	50	3556	30.5	148.1		GF GG	
16132W	5958N	1794-21205	00000/0000	1-10030/0660	09/25/74	90	1074	27.3	158.4		PGGP	
16132W	5543N	1756-21121	00000/0000	1-10027/1819	08/18/74	50	544	43.4	146.6		GGGG	
16137W	5301N	1737-21080	00000/0000	1-10028/0075	07/30/74	90	279	50.0	139.7		PP P	
16138W	7038N	1766-22043	00000/0000	1-10029/0571	08/28/74	50	684	28.7	168.3		GGPG	
16139W	6824N	1800-21523	00000/0000	1-10030/0920	10/01/74	50	1158	17.9	168.5		G P	
16139W	6007N	1974-21140	00000/0000	1-10036/0320	03/24/75	0	3584	28.3	151.8		GGGG	
16141W	5958N	1740-21230	00000/0000	1-10027/1152	08/02/74	40	321	44.8	149.4		GG G	
16143W	5952N	1776-21214	00000/0000	1-10029/1049	09/07/74	60	823	33.9	155.1		PGGG	
16147W	6008N	1848-21193	00000/0000	1-10032/0246	11/18/74	0	1827	9.3	162.9		P GP	
16147W	5955N	1758-21222	00000/0000	1-10029/0099	08/20/74	50	572	39.8	151.9		PPGG	
16148W	6931N	1945-21524	00000/0000	1-10035/0598	02/23/75	90	3180	9.8	163.0		FGGF	
16148W	6131N	1813-21260	00000/0000	1-10030/1445	10/14/74	70	1339	19.0	162.4		PG	
16149W	6931N	1819-21575	00000/0000	1-10031/0234	10/20/74	20	1423	9.8	171.6		GGPG	
16149W	6926N	1801-21575	00000/0000	1-10030/0902	10/02/74	10	1172	16.6	170.1		G PG	
16152W	5719N	1811-21154	00000/0000	1-10030/1354	10/12/74	80	1311	23.2	158.9		PPPP	

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
16153W	6122N	1795-21260	00000/0000	1-10030/0682	09/26/74	70	1088	25.8	159.9		GPPG	
16153W	5721N	1829-21152	00000/0000	1-10031/0707	10/30/74	100	1562	17.1	160.7		PGPG	
16154W	6133N	1831-21253	00000/0000	1-10031/0783	11/01/74	90	1590	12.9	163.8		GP P	
16156W	6134N	1957-21201	00000/0000	1-10035/0840	03/07/75	80	3347	20.5	153.8		FGGF	
16158W	5723N	1955-21100	00000/0000	1-10035/0686	03/05/75	30	3319	22.8	150.4		FFFF	
16158W	5717N	1847-21144	00000/0000	1-10032/0387	11/17/74	70	1813	11.9	161.2		PPGP	
16200W	6931N	1981-21510	00000/0000	1-10037/0725	03/31/75	30	3682	23.9	163.4		FG G	
16200W	6128N	1975-21192	00000/0000	1-10036/0385	03/25/75	0	3598	27.7	153.2		FGFG	
16202W	6254N	1814-21311	00000/0000	1-10030/1546	10/15/74	30	1353	17.5	163.8		GGPG	
16202W	5707N	1793-21160	00000/0000	1-10030/0628	09/24/74	100	1060	30.0	155.7		PPP	
16203W	6924N	1747-22000	00000/0000	1-10027/1665	08/09/74	50	419	35.8	164.3		GGGG	
16203W	5721N	1973-21091	00000/0000	1-10036/0285	03/23/75	10	3570	30.0	149.2		GGGG	
16203W	5434N	1810-21105	00000/0000	1-10030/1297	10/11/74	50	1297	25.9	156.7		PPPG	
16205W	6113N	1777-21265	00000/0000	1-10029/1057	09/08/74	40	837	32.5	156.7		P PP	
16205W	5714N	1739-21181	00000/0000	1-10027/1024	08/01/74	90	307	46.9	145.7		GGPG	
16206W	5705N	1775-21165	00000/0000	1-10029/0961	09/06/74	90	809	36.3	152.1		G GG	
16207W	6258N	1958-21253	00000/0000	1-10035/0914	03/08/75	0	3361	19.9	155.1		FGGF	
16207W	6120N	1741-21282	00000/0000	1-10027/1191	08/03/74	30	335	43.6	151.4		GGGG	
16207W	6119N	1759-21274	00000/0000	1-10029/0121	08/21/74	0	586	38.5	153.8		GGGG	
16208W	6920N	1783-21583	00000/0000	1-10030/0792	09/14/74	80	921	23.6	167.9		GGGG	
16208W	6254N	1832-21304	00000/0000	1-10031/0857	11/02/74	70	1604	11.4	164.9		PPPP	
16209W	5421N	1792-21111	00000/0000	1-10030/0528	09/23/74	100	1046	32.5	153.2		GGGP	
16210W	5431N	1828-21103	00000/0000	1-10031/0668	10/29/74	70	1548	19.8	158.8		P G	
16210W	5430N	1846-21094	00000/0000	1-10032/0707	11/16/74	30	1799	14.5	159.6		GGP	
16211W	6254N	1976-21244	00000/0000	1-10036/0045	03/26/75	100	3612	27.1	154.6		FFGF	
16211W	5707N	1757-21173	00000/0000	1-10029/0002	08/19/74	90	558	42.1	148.4		P PP	
16212W	6242N	1796-21312	00000/0000	1-10030/0848	09/27/74	50	1102	24.3	161.4		PPPG	
16214W	6919N	1765-21592	00000/0000	1-10029/0523	08/27/74	100	670	30.1	165.8		GGGG	
16214W	5432N	1954-21051	00000/0000	1-10035/0567	03/04/75	20	3305	24.5	148.2		FGGG	
16214W	5419N	1774-21115	00000/0000	1-10029/0977	09/06/74	100	795	38.7	149.1		P PG	
16215W	6813N	1818-21523	00000/0000	1-10031/0206	10/19/74	0	1409	11.4	169.7		GGGG	
16215W	5426N	1738-21191	00000/0000	1-10027/1002	07/31/74	90	293	48.9	141.8		G G	
16216W	6702N	1961-21411	00000/0000	1-10035/1060	03/11/75	70	3403	17.9	159.6		GGFF	
16217W	6422N	1959-21304	00000/0000	1-10035/0990	03/09/75	30	3375	19.2	156.5		FGFF	
16217W	5432N	1972-21042	00000/0000	1-10036/0213	03/22/75	50	3556	31.5	146.8		GGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
16219W 6651N	1817-21471	00000/0000 1-10030/1634	10/18/74	10	1395	12.9	168.1		GGGG	
16219W 6239N	1778-21321	00000/0000 1-10029/1106	09/09/74	0	851	31.0	158.5		GP GG	
16219W 5418N	1756-21124	00000/0000 1-10027/1820	08/18/74	80	544	44.3	145.0		GGGG	
16221W 6655N	1835-21463	00000/0000 1-10031/1019	11/05/74	0	1646	6.9	168.8		GPP	
16222W 6814N	1980-21454	00000/0000 1-10036/0564	03/30/75	40	3668	24.6	161.4		GFFF	
16222W 6541N	1960-21360	00000/0000 1-10035/0966	03/10/75	90	3389	18.6	157.9		FFFG	
16222W 6243N	1742-21333	00000/0000 1-10027/1257	08/04/74	20	349	42.3	153.4		GGPG	
16224W 6803N	1782-21532	00000/0000 1-10030/0070	09/13/74	90	907	25.1	165.8		GP GG	
16224W 6531N	1816-21415	00000/0000 1-10030/1521	10/17/74	10	1381	14.5	166.5		GP GG	
16224W 6406N	1797-21364	00000/0000 1-10030/0832	09/28/74	60	1116	22.8	162.9		PPGP	
16224W 5844N	1812-21210	00000/0000 1-10030/1428	10/13/74	90	1325	21.7	160.1		PPP	
16225W 6653N	1943-21421	00000/0000 1-10035/0121	02/21/75	80	3152	11.2	159.7		GGGG	
16225W 6536N	1834-21412	00000/0000 00000/0000	11/04/74	90	1632	8.4	167.4		PPPP	
16225W 6241N	1760-21325	00000/0000 1-10029/0141	08/22/74	30	600	37.1	155.6		GGGG	
16228W 6806N	1746-21544	00000/0000 1-10027/1501	08/08/74	20	405	37.1	161.9		PPPP	
16228W 6416N	1977-21295	00000/0000 1-10036/0254	03/27/75	100	3626	26.5	156.1		FFFF	
16228W 5850N	1956-21152	00000/0000 1-10035/0706	03/06/75	90	3333	22.2	151.4		FFFG	
16228W 5844N	1830-21204	00000/0000 1-10031/0746	10/31/74	100	1576	15.6	161.7		GP GG	
16229W 5834N	1794-21211	00000/0000 1-10030/0661	09/25/74	90	1074	28.4	157.2		PPGP	
16231W 6654N	1979-21403	00000/0000 1-10036/0549	03/29/75	90	3654	25.2	159.5		FGGF	
16234W 7046N	1803-22085	00000/0000 1-10030/1140	10/04/74	10	1200	14.6	172.4		GGPP	
16234W 6403N	1779-21373	00000/0000 00000/0000	09/10/74	0	865	29.5	160.2		GP GG	
16235W 7049N	1821-22085	00000/0000 1-10031/0419	10/22/74	80	1451	7.9	173.6		GGGG	
16235W 6759N	1764-21540	00000/0000 1-10029/0448	08/26/74	90	656	31.6	163.5		G GP	
16235W 6644N	1781-21480	00000/0000 1-10029/1192	09/12/74	80	893	26.6	163.9		GGGG	
16235W 6405N	1743-21385	00000/0000 1-10027/1282	08/05/74	30	363	41.1	155.5		G P	
16236W 7048N	1947-22074	00000/0000 1-10035/0191	02/25/75	0	3208	9.5	165.0		GGFG	
16237W 6534N	1978-21351	00000/0000 1-10037/0094	03/28/75	90	3640	25.9	157.7		FGFG	
16237W 6401N	1761-21381	00000/0000 1-10029/0231	08/23/74	80	614	35.8	157.5		GGGP	
16237W 5844N	1974-21143	00000/0000 1-10036/0321	03/24/75	0	3584	29.3	150.5		GGGG	
16238W 6647N	1745-21492	00000/0000 1-10027/1416	08/07/74	40	391	38.5	159.7		GG G	
16238W 6526N	1744-21441	00000/0000 1-10027/1390	08/06/74	30	377	39.8	157.5		GP PG	
16238W 5835N	1740-21272	00000/0000 1-10027/1153	08/02/74	70	321	45.8	147.6		GG G	
16239W 5829N	1776-21220	00000/0000 1-10029/1039	09/07/74	80	823	35.0	153.7		G PG	
16241W 6523N	1780-21424	00000/0000 1-10030/0157	09/11/74	80	879	28.1	162.0		P PP	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C O D
16241W 6521N	1762-21433	00000/0000	1-10029/0247	08/24/74	80	628	34.4	159.4		PPGG	
16244W 7051N	1965-22025	00000/0000	1-10035/0428	03/15/75	70	3459	16.5	165.3		GGGF	
16244W 5833N	1758-21224	00000/0000	1-10029/0100	08/20/74	90	572	40.8	150.3		PPGG	
16244W 5555N	1811-21161	00000/0000	1-10030/1355	10/12/74	100	1311	24.4	157.9		PPPP	
16245W 5557N	1829-21154	00000/0000	1-10031/0708	10/30/74	70	1562	18.3	159.8		PPGG	
16246W 5845N	1848-21195	00000/0000	1-10032/0247	11/18/74	40	1827	10.5	162.0		PPGG	
16249W 7048N	1731-22114	00000/0000	1-10027/0686	07/24/74	60	196	38.6	166.5		GG G	
16249W 7047N	1983-22020	00000/0000	1-10036/0602	04/02/75	0	3710	23.7	165.7		GGGG	
16249W 5559N	1955-21103	00000/0000	1-10035/0687	03/05/75	20	3319	23.8	149.3		FFFF	
16249W 5553N	1847-21150	00000/0000	1-10032/0388	11/17/74	80	1813	13.1	160.4		PPGP	
16252W 6009N	1813-21262	00000/0000	1-10030/1446	10/14/74	80	1339	20.2	161.3		PP	
16253W 7037N	1785-22093	00000/0000	1-10030/0185	09/16/74	100	949	21.7	170.3		GGPP	
16253W 5543N	1793-21162	00000/0000	1-10030/0629	09/24/74	70	1060	31.1	154.6		PPP	
16254W 5557N	1973-21094	00000/0000	1-10036/0286	03/23/75	40	3570	30.9	148.0		GGFG	
16255W 6000N	1795-21263	00000/0000	1-10030/0683	09/26/74	60	1088	26.9	158.6		GGPP	
16255W 5550N	1739-21183	00000/0000	1-10027/1025	08/01/74	90	307	47.8	143.8		GGGG	
16256W 5542N	1775-21171	00000/0000	1-10029/0962	09/06/74	100	809	37.4	150.7		PPGG	
16257W 6011N	1831-21255	00000/0000	1-10031/0784	11/01/74	90	1590	14.0	162.8		GP P	
16300W 6011N	1957-21203	00000/0000	1-10035/0841	03/07/75	90	3347	21.6	152.5		FGGG	
16302W 7041N	1749-22110	00000/0000	1-10027/1225	08/11/74	100	447	34.1	166.9		GGGG	
16302W 5542N	1757-21175	00000/0000	1-10029/0003	08/19/74	70	558	43.1	146.8		PPPP	
16303W 6005N	1975-21195	00000/0000	1-10036/0386	03/25/75	0	3598	28.8	151.8		GGGG	
16307W 5951N	1777-21272	00000/0000	1-10029/1058	09/08/74	50	837	33.6	155.3		PPPP	
16309W 5956N	1759-21280	00000/0000	1-10029/0122	08/21/74	30	586	39.5	152.1		GGGG	
16310W 5958N	1741-21284	00000/0000	1-10027/1192	08/03/74	50	335	44.6	149.6		GGGG	
16311W 6131N	1814-21314	00000/0000	1-10030/1547	10/15/74	40	1353	18.6	162.6		GGGG	
16316W 6136N	1958-21255	00000/0000	1-10035/0915	03/08/75	10	3361	20.9	153.8		FFGG	
16317W 6930N	1946-21582	00000/0000	1-10035/1036	02/24/75	30	3194	10.2	163.0		GGGF	
16317W 6131N	1832-21311	00000/0000	1-10031/0858	11/02/74	90	1604	12.5	163.8		PPPP	
16318W 5721N	1812-21213	00000/0000	1-10030/1429	10/13/74	100	1325	22.9	159.0		PPPP	
16319W 6931N	1820-22033	00000/0000	1-10031/0316	10/21/74	60	1437	9.5	171.6		GGGG	
16319W 5707N	1758-21231	00000/0000	1-10029/0101	08/20/74	90	572	41.8	148.7		GGGG	
16320W 6705N	1800-21525	00000/0000	1-10030/0921	10/01/74	30	1158	19.0	166.8		PPPP	
16320W 6132N	1976-21250	00000/0000	1-10036/0046	03/26/75	100	3612	28.1	153.2		FFFF	
16320W 6120N	1796-21315	00000/0000	1-10030/0849	09/27/74	60	1102	25.4	160.0		GGGP	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

ORIGINAL PAGE IS
OF POOR QUALITY

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ERTS-1
 COORDINATE LISTING WITH REDUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0686

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
16321W 5716N	1848-21202	00000/0000	1-10032/0248	11/18/74	50	1827	11.7	161.2		PPPP	
16322W 6932N	1964-21573	00000/0000	1-10036/0128	03/14/75	30	3445	17.2	163.1		GGGG	
16322W 6929N	1802-22034	00000/0000	1-10030/0980	10/03/74	20	1186	16.2	170.2		PPG	
16322W 5720N	1830-21210	00000/0000	1-10031/0747	10/31/74	100	1576	16.8	160.8		GPGG	
16323W 5726N	1956-21154	00000/0000	1-10035/0707	03/06/75	100	3333	23.2	150.3		FFGG	
16323W 5711N	1794-21214	00000/0000	1-10030/0662	09/25/74	90	1074	29.5	156.0		PGGP	
16326W 6931N	1730-22062	00000/0000	1-10027/0615	07/23/74	10	182	39.9	163.8		GGPG	
16326W 6116N	1778-21324	00000/0000	1-10029/1107	09/09/74	40	851	32.1	157.0		GPGG	
16327W 6930N	1982-21564	00000/0000	1-10036/0482	04/01/75	10	3696	24.3	163.4		FFFF	
16327W 6922N	1784-22041	00000/0000	1-10030/0135	09/15/74	90	935	23.2	168.1		PPGG	
16330W 6121N	1742-21340	00000/0000	1-10027/1258	08/04/74	30	349	43.3	151.5		GGGG	
16331W 6118N	1760-21342	00000/0000	1-10029/0142	08/22/74	80	600	38.2	153.9		PGGG	
16331W 5720N	1974-21145	00000/0000	1-10036/0322	03/24/75	0	3584	30.3	149.2		GGGG	
16331W 5711N	1740-21235	00000/0000	1-10027/1154	08/02/74	100	321	46.7	145.7		GG G	
16332W 6300N	1959-21311	00000/0000	1-10035/0991	03/09/75	30	3375	20.3	155.1		GGGF	
16332W 5706N	1776-21223	00000/0000	1-10029/1050	09/07/74	70	823	36.0	152.3		GPGG	
16332W 5432N	1811-21163	00000/0000	1-10030/1356	10/12/74	100	1311	25.5	156.9		PPPP	
16333W 5433N	1829-21161	00000/0000	1-10031/0709	10/30/74	70	1562	19.4	158.9		PGGG	
16336W 6925N	1748-22054	00000/0000	1-10027/1579	08/10/74	40	433	35.5	164.4		PG	
16337W 5435N	1955-21105	00000/0000	1-10035/0688	03/05/75	40	3319	24.8	148.2		FFFG	
16337W 5429N	1847-21153	00000/0000	1-10032/0389	11/17/74	90	1813	14.3	159.6		PPPP	
16338W 6920N	1766-22050	00000/0000	1-10029/0572	08/28/74	50	684	29.8	165.9		GGGP	
16338W 6813N	1945-21530	00000/0000	1-10035/0599	07/23/75	90	3180	10.9	161.2		FFGG	
16338W 6244N	1797-21370	00000/0000	1-10030/0833	09/28/74	80	1116	23.9	161.5		GPGP	
16339W 6813N	1819-21581	00000/0000	1-10031/0235	10/20/74	10	1423	11.0	169.8		GGGG	
16340W 6807N	1801-21582	00000/0000	1-10030/0903	10/02/74	20	1172	17.8	168.2		G PG	
16341W 5433N	1973-21100	00000/0000	1-10036/0287	03/23/75	40	3570	31.9	146.7		FFFF	
16342W 6254N	1977-21302	00000/0000	1-10036/0255	03/27/75	90	3626	27.5	154.6		FFFF	
16343W 5426N	1739-21190	00000/0000	1-10027/1026	08/01/74	90	307	48.7	142.0		GGPG	
16343W 5418N	1775-21174	00000/0000	1-10029/0972	09/06/74	90	809	38.4	149.4		GPGG	
16344W 6420N	1960-21362	00000/0000	1-10035/0967	03/10/75	70	3389	19.6	156.4		GFFF	
16345W 6410N	1816-21422	00000/0000	1-10030/1522	10/17/74	10	1381	15.6	165.1		PPGG	
16346W 6542N	1961-21414	00000/0000	1-10035/1061	03/11/75	40	3403	19.0	157.9		GFFG	
16347W 6415N	1834-21414	00000/0000	00000/0000	11/04/74	100	1632	9.6	166.1		PPPP	
16347W 6242N	1779-21375	00000/0000	00000/0000	09/10/74	30	865	30.6	158.7		GGGG	

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 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0687

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
16348W	6531N	1817-21474	00000/0000	1-10030/1635	10/18/74	10	1395	14.1	166.6		GP	G			
16348W	6243N	1743-21392	00000/0000	1-10027/1290	08/05/74	10	363	42.1	153.5		P				
16349W	5418N	1757-21182	00000/0000	1-10029/0013	08/19/74	60	558	44.0	145.2		PPPP				
16350W	6812N	1981-21512	00000/0000	1-10037/0726	03/31/75	20	3682	25.0	161.3		FGGG				
16350W	6240N	1761-21384	00000/0000	1-10029/0232	08/23/74	100	614	36.8	155.8		PPG				
16351W	7044N	1804-22144	00000/0000	1-10030/1057	10/05/74	80	1214	14.2	172.5		P GG				
16351W	5846N	1813-21265	00000/0000	1-10030/1437	10/14/74	100	1339	21.3	160.2		P PP				
16352W	6805N	1747-22002	00000/0000	1-10027/1666	08/09/74	40	419	36.9	162.0		GGGG				
16352W	6534N	1835-21470	00000/0000	1-10031/1020	11/05/74	30	1646	8.1	167.4		GG				
16352W	5837N	1795-21265	00000/0000	1-10030/0684	09/26/74	50	1088	28.0	157.4		PPPG				
16354W	6653N	1818-21525	00000/0000	1-10031/0207	10/19/74	60	1409	12.6	168.1		GPPG				
16354W	6651N	1944-21475	00000/0000	1-10035/0133	02/22/75	60	3166	11.6	159.6		FGFG				
16354W	6533N	1943-21423	00000/0000	1-10035/0122	02/21/75	80	3152	12.2	158.2		FGFG				
16355W	6801N	1783-21590	00000/0000	1-10030/0793	09/14/74	40	921	24.7	165.9		GGGP				
16355W	5848N	1831-21262	00000/0000	1-10031/0785	11/01/74	80	1590	15.2	161.8		GGPP				
16358W	6406N	1744-21443	00000/0000	1-10027/1391	08/06/74	30	377	40.8	155.5		GPPG				
16358W	5848N	1957-21210	00000/0000	1-10035/0842	03/07/75	90	3347	22.6	151.4		FFGG				
16359W	6413N	1978-21354	00000/0000	1-10037/0095	03/28/75	90	3640	26.9	156.1		FGFG				
16400W	6402N	1780-21431	00000/0000	1-10030/0158	09/11/74	90	879	29.2	160.3		P PP				
16401W	6654N	1980-21461	00000/0000	1-10036/0565	03/30/75	30	3668	25.6	159.5		GFFF				
16401W	6534N	1979-21405	00000/0000	1-10036/0550	03/29/75	40	3654	26.3	157.7		GGGG				
16401W	5842N	1975-21201	00000/0000	1-10036/0387	03/25/75	10	3598	29.8	150.4		GGGG				
16402W	6646N	1746-21551	00000/0000	1-10027/1502	08/08/74	70	405	38.2	159.8		PPPP				
16402W	6644N	1782-21534	00000/0000	1-10030/0071	09/13/74	90	907	26.2	164.0		GP	G			
16402W	6400N	1762-21435	00000/0000	1-10029/0248	08/24/74	90	628	35.5	157.6		GPPG				
16403W	6801N	1765-21594	00000/0000	1-10029/0524	08/27/74	100	670	31.2	163.6		PGGG				
16403W	6524N	1781-21482	00000/0000	1-10029/1193	09/12/74	90	893	27.7	162.2		GGG				
16405W	5827N	1777-21274	00000/0000	1-10029/1071	09/08/74	90	837	34.6	153.9		GP	G			
16406W	6527N	1745-21495	00000/0000	1-10027/1417	08/07/74	60	391	39.5	157.6		GGPG				
16407W	5835N	1741-21291	00000/0000	1-10027/1193	08/03/74	90	335	45.5	147.7		GGGG				
16407W	5833N	1759-21283	00000/0000	1-10029/0123	08/21/74	100	586	40.5	150.5		GGGG				
16409W	5557N	1812-21215	00000/0000	1-10030/1430	10/13/74	90	1325	24.0	158.0		PPPP				
16410W	6640N	1764-21543	00000/0000	1-10029/0449	08/26/74	100	656	32.7	161.5		G GP				
16410W	5543N	1758-21233	00000/0000	1-10029/0102	08/20/74	70	572	42.8	147.1		GP				
16412W	5553N	1848-21204	00000/0000	1-10032/0249	11/18/74	70	1827	12.9	160.3		PPPP				

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0688

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
16413W	5557N	1830-21213	00000/0000	1-10031/0748	10/31/74	90	1576	17.9	159.9		GGGG					
16413W	5548N	1794-21220	00000/0000	1-10030/0663	09/25/74	80	1074	30.6	154.8		PGGP					
16414W	5603N	1956-21161	00000/0000	1-10035/0708	03/06/75	100	3333	24.2	149.2		GGGF					
16415W	7038N	1786-22151	00000/0000	1-10030/0299	09/17/74	100	963	21.3	170.5		GGGG					
16415W	6009N	1814-21320	00000/0000	1-10030/1548	10/15/74	50	1353	19.8	161.4		GGPG					
16418W	7046N	1984-22074	00000/0000	1-10036/0655	04/03/75	40	3724	24.1	165.7		FGFF					
16418W	5308N	1811-21170	00000/0000	1-10030/1357	10/12/74	90	1311	26.7	155.9		PPPP					
16419W	5309N	1829-21163	00000/0000	1-10031/0710	10/30/74	90	1562	20.6	158.1		PGP					
16420W	6013N	1958-21262	00000/0000	1-10035/0916	03/08/75	10	3361	21.9	152.5		FFFG					
16421W	6009N	1832-21313	00000/0000	1-10031/0859	11/02/74	70	1604	13.7	162.8		PPG					
16421W	5556N	1974-21152	00000/0000	1-10036/0323	03/24/75	60	3584	31.3	147.9		GGGG					
16421W	5547N	1740-21241	00000/0000	1-10027/1155	08/02/74	90	321	47.6	143.9		GG G					
16422W	5542N	1776-21225	00000/0000	1-10029/1040	09/07/74	90	823	37.0	150.9		G GG					
16423W	5958N	1796-21321	00000/0000	1-10030/0850	09/27/74	70	1102	26.6	158.8		GGPG					
16423W	5312N	1955-21112	00000/0000	1-10035/0689	03/05/75	40	3319	25.8	147.2		FFFG					
16424W	6009N	1976-21253	00000/0000	1-10036/0047	03/26/75	100	3612	29.1	151.8		GGGG					
16426W	5309N	1973-21103	00000/0000	1-10036/0288	03/23/75	90	3570	32.8	145.5		FFFG					
16427W	5301N	1739-21192	00000/0000	1-10027/1027	08/01/74	90	307	49.5	140.1		GGGG					
16428W	5954N	1778-21330	00000/0000	1-10029/1108	09/09/74	100	851	33.2	155.5		GPUG					
16428W	5254N	1775-21180	00000/0000	1-10029/0973	09/06/74	90	809	39.4	148.0		GPPG					
16429W	7040N	1750-22164	00000/0000	1-10027/1691	08/12/74	100	461	33.8	166.9		GGGG					
16432W	5958N	1742-21342	00000/0000	1-10027/1259	08/04/74	40	349	44.3	149.7		GGGG					
16433W	5955N	1760-21334	00000/0000	1-10029/0143	08/22/74	100	600	39.2	152.3		GGGG					
16433W	5254N	1757-21184	00000/0000	1-10029/0014	08/19/74	90	558	44.9	143.6		GPPP					
16436W	6929N	1803-22092	00000/0000	1-10030/1141	10/04/74	0	1200	15.8	170.3		GGGP					
16439W	6931N	1821-22091	00000/0000	1-10031/0420	10/22/74	70	1451	9.1	171.7		GGGG					
16439W	6931N	1947-22040	00000/0000	1-10035/0192	02/25/75	0	3208	10.6	163.0		GFGG					
16440W	6138N	1959-21313	00000/0000	1-10035/0992	03/09/75	80	3375	21.3	153.8		GGFG					
16446W	6122N	1797-21373	00000/0000	1-10030/0834	09/28/74	80	1116	25.1	160.2		GPPP					
16446W	5722N	1813-21271	00000/0000	1-10030/1438	10/14/74	100	1339	22.5	159.2		P GP					
16446W	5713N	1795-21272	00000/0000	1-10030/0685	09/26/74	50	1088	29.1	156.2		PPP					
16447W	6933N	1965-22031	00000/0000	1-10035/0429	03/15/75	90	3459	17.5	163.1		FFGF					
16449W	5724N	1831-21264	00000/0000	1-10031/0786	11/01/74	80	1590	16.4	160.9		GGPP					
16451W	6545N	1800-21532	00000/0000	1-10030/0922	10/01/74	40	1158	20.2	165.2		P PG					
16452W	6930N	1731-22120	00000/0000	1-10027/0687	07/24/74	30	196	39.7	163.8		GG G					

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03:20 SEP 30, '75

ERTS-1
 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
 FROM 07/23/74 TO 07/23/75

PAGE 0689

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
16452W 6929N	1983-22022	00000/0000	1-10036/0603	04/02/75	0	3710	24.7	163.4		GFGG	
16452W 5724N	1957-21212	00000/0000	1-10035/0843	03/07/75	100	3347	23.6	150.2		FGFG	
16454W 6120N	1779-21382	00000/0000	00000/0000	09/10/74	50	865	31.7	157.2		GGGG	
16455W 6920N	1785-22100	00000/0000	1-10030/0186	09/16/74	90	949	22.8	168.1		GGGP	
16455W 5719N	1975-21204	00000/0000	1-10036/0388	03/25/75	20	3598	30.7	149.1		FGGG	
16456W 6120N	1743-21394	00000/0000	1-10027/1276	08/05/74	20	363	43.1	151.7		G GP	
16457W 6118N	1761-21390	00000/0000	1-10029/0233	08/23/74	90	614	37.9	154.1		GGPP	
16457W 5433N	1812-21222	00000/0000	1-10030/1431	10/13/74	90	1325	25.2	157.0		PGGG	
16458W 5705N	1777-21281	00000/0000	1-10029/1072	09/08/74	100	837	35.7	152.5		PPPG	
16459W 6259N	1960-21365	00000/0000	1-10035/0968	03/10/75	60	3389	20.7	155.0		FGFE	
16500W 6248N	1816-21424	00000/0000	1-10030/1523	10/17/74	10	1381	16.8	163.9		PPGG	
16500W 5712N	1741-21293	00000/0000	1-10027/1194	08/03/74	90	335	46.4	145.9		GGGG	
16500W 5429N	1848-21211	00000/0000	1-10032/0250	11/18/74	70	1827	14.1	159.6		PPPG	
16501W 6253N	1834-21421	00000/0000	00000/0000	11/04/74	90	1632	10.7	165.0		PPPP	
16501W 5709N	1759-21285	00000/0000	1-10029/0124	08/21/74	100	586	41.5	148.9		GGGG	
16501W 5433N	1830-21215	00000/0000	1-10031/0749	10/31/74	70	1576	19.1	159.0		GGPG	
16501W 5424N	1794-21223	00000/0000	1-10030/0664	09/25/74	50	1074	31.7	153.7		GP	
16502W 6255N	1942-21374	00000/0000	1-10034/0586	02/20/75	10	3138	13.9	155.7		GFGG	
16504W 6923N	1749-22112	00000/0000	1-10027/1226	08/11/74	70	447	35.2	164.4		GGGG	
16507W 6811N	1946-21585	00000/0000	1-10035/1037	02/24/75	30	3194	11.3	161.2		GGGG	
16509W 6421N	1961-21420	00000/0000	1-10035/1062	03/11/75	60	3403	20.0	156.4		FGFF	
16509W 6411N	1817-21480	00000/0000	1-10030/1636	10/18/74	20	1395	15.3	165.2		GGPG	
16509W 5433N	1974-21154	00000/0000	1-10036/0324	03/24/75	60	3584	32.3	146.7		FGGG	
16509W 5423N	1740-21244	00000/0000	1-10027/1156	08/02/74	90	321	48.5	142.0		GG G	
16509W 5418N	1776-21232	00000/0000	1-10029/1051	09/07/74	70	823	38.0	149.6		GGGG	
16510W 6812N	1820-22040	00000/0000	1-10031/0317	10/21/74	50	1437	10.7	169.8		G GG	
16510W 6810N	1802-22040	00000/0000	1-10030/0981	10/03/74	20	1186	17.4	168.3		PPPP	
16511W 6240N	1780-21433	00000/0000	1-10030/0159	09/11/74	100	879	30.3	158.8		P P	
16512W 6814N	1964-21580	00000/0000	1-10036/0129	03/14/75	40	3445	18.2	161.1		FGFG	
16512W 6244N	1744-21450	00000/0000	1-10027/1392	08/06/74	80	377	41.8	153.6		GGPG	
16513W 6413N	1835-21472	00000/0000	1-10031/1021	11/05/74	40	1646	9.3	166.2		GPP	
16513W 6251N	1978-21360	00000/0000	1-10037/0096	03/28/75	40	3640	27.9	154.5		GGGE	
16514W 6412N	1943-21430	00000/0000	1-10035/0123	02/21/75	60	3152	13.3	156.8		FGFG	
16514W 5846N	1814-21323	00000/0000	1-10030/1549	10/15/74	100	1353	21.0	160.4		GGPP	
16515W 6802N	1784-22044	00000/0000	1-10030/0136	09/15/74	60	935	24.3	166.1		PPPG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER, ** = NO CLOUD DATA AVAILABLE.
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 PRODUCTS ALREADY MADE R=MADE FROM RBV, M=MADE FROM MSS, B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D D
LONG	LAT		RBV	MSS						123	45678	
16515W	6239N	1762-21442	00000/0000	1-10029/0249	08/24/74	90	628	36.5	155.9		GP GG	
16515W	5422N	1758-21240	00000/0000	1-10029/0103	08/20/74	70	572	43.7	145.5		GG GG	
16516W	6812N	1730-22064	00000/0000	1-10027/0616	07/23/74	10	182	41.0	161.4		GG PG	
16517W	6811N	1982-21571	00000/0000	1-10036/0483	04/01/75	10	3696	25.4	161.3		GF GG	
16517W	6653N	1945-21533	00000/0000	1-10035/0600	02/23/75	80	3180	11.9	159.6		GF GF	
16519W	6653N	1819-21584	00000/0000	1-10031/0236	10/20/74	50	1423	12.2	168.2		GG GG	
16519W	6648N	1801-21584	00000/0000	1-10030/0904	10/02/74	50	1172	18.9	166.5		G PG	
16519W	5850N	1958-21264	00000/0000	1-10035/0917	03/08/75	50	3361	22.9	151.3		FFFF	
16519W	5846N	1832-21320	00000/0000	1-10031/0860	11/02/74	60	1604	14.9	161.8		PPP	
16521W	5835N	1796-21324	00000/0000	1-10030/0851	09/27/74	70	1102	27.7	157.5		PPPG	
16522W	6413N	1979-21412	00000/0000	1-10036/0551	03/29/75	50	3654	27.3	156.1		GF GG	
16523W	6533N	1818-21532	00000/0000	1-10031/0208	10/19/74	20	1409	13.7	166.7		GP GG	
16523W	5846N	1976-21255	00000/0000	1-10036/0048	03/26/75	90	3612	30.1	150.4		FF GG	
16524W	6403N	1781-21485	00000/0000	1-10029/1194	09/12/74	80	893	28.8	160.5		PG GP	
16525W	6806N	1748-22061	00000/0000	1-10027/1580	08/10/74	20	433	36.6	162.1		GG	
16525W	6801N	1766-22052	00000/0000	1-10029/0573	08/28/74	70	684	30.9	163.8		GG GG	
16526W	6530N	1944-21481	00000/0000	1-10035/0134	02/22/75	40	3166	12.6	158.1		FG GG	
16526W	5831N	1778-21333	00000/0000	1-10029/1109	09/09/74	90	851	34.2	154.1		GP GG	
16527W	6405N	1745-21501	00000/0000	1-10027/1418	08/07/74	80	391	40.5	155.6		GG PG	
16528W	6652N	1981-21515	00000/0000	1-10037/0727	03/31/75	20	3682	26.1	159.4		GG FG	
16529W	6533N	1980-21463	00000/0000	1-10036/0566	03/30/75	50	3668	26.7	157.7		GG FG	
16529W	6359N	1763-21493	00000/0000	1-10029/0312	08/25/74	90	642	35.1	157.8		PPPP	
16530W	6645N	1747-22005	00000/0000	1-10027/1667	08/09/74	40	419	37.9	159.8		GG GG	
16530W	6526N	1746-21553	00000/0000	1-10027/1503	08/08/74	80	405	39.2	157.7		PP P	
16530W	6524N	1782-21541	00000/0000	1-10030/0072	09/13/74	90	907	27.3	162.3		GG GG	
16530W	5835N	1742-21345	00000/0000	1-10027/1260	08/04/74	90	349	45.3	147.9		GP GG	
16531W	5833N	1760-21341	00000/0000	1-10029/0144	08/22/74	100	600	40.2	150.7		GG GG	
16532W	6641N	1783-21592	00000/0000	1-10030/0794	09/14/74	60	921	25.8	164.1		GG GG	
16537W	6521N	1764-21545	00000/0000	1-10029/0450	08/26/74	100	656	33.7	159.7		G PP	
16537W	5558N	1813-21274	00000/0000	1-10030/1439	10/14/74	100	1339	23.6	158.2		P GG	
16537W	5550N	1795-21274	00000/0000	1-10030/0686	09/26/74	50	1088	30.2	155.1		PPPP	
16540W	6641N	1765-22001	00000/0000	1-10029/0525	08/27/74	90	670	32.3	161.7		PG GG	
16540W	5600N	1831-21271	00000/0000	1-10031/0787	11/01/74	90	1590	17.6	160.0		GPPP	
16543W	5601N	1957-21215	00000/0000	1-10035/0844	03/07/75	100	3347	24.6	149.1		GG FF	
16543W	5309N	1812-21224	00000/0000	1-10030/1432	10/13/74	80	1325	26.3	156.1		PPGP	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT										B	P	P	B	P
16544W	6015N	1959-21320	00000/0000	1-10035/0993	03/09/75	100	3375	22.3	152.5		FFFG				
16546W	5309N	1830-21222	00000/0000	1-10031/0750	10/31/74	50	1576	20.3	158.2		GGGG				
16546W	5300N	1794-21225	00000/0000	1-10030/0665	09/25/74	90	1074	32.8	152.6		GP				
16547W	5555N	1975-21210	00000/0000	1-10036/0389	03/25/75	80	3598	31.7	147.8		FGGG				
16548W	5959N	1797-21375	00000/0000	1-10030/0835	09/28/74	80	1116	26.2	158.9		GP GP				
16548W	5541N	1777-21283	00000/0000	1-10029/1073	09/08/74	100	837	36.7	151.2		GPPP				
16550W	5548N	1741-21300	00000/0000	1-10027/1195	08/03/74	90	335	47.3	144.1		GGGG				
16552W	5547N	1759-21292	00000/0000	1-10029/0125	08/21/74	100	586	42.5	147.3		GP GG				
16553W	6009N	1977-21311	00000/0000	1-10036/0256	03/27/75	90	3626	29.5	151.7		FFFG				
16554W	6927N	1804-22150	00000/0000	1-10030/1058	10/05/74	70	1214	15.4	170.4		P GP				
16554W	5259N	1740-21250	00000/0000	1-10027/1157	08/02/74	90	321	49.3	140.2		PG P				
16554W	5253N	1776-21234	00000/0000	1-10029/1052	09/07/74	70	823	39.0	148.2		GP GG				
16556W	5957N	1779-21384	00000/0000	00000/0000	09/10/74	60	865	32.8	155.8		GGGG				
16558W	5957N	1743-21401	00000/0000	1-10027/1283	08/05/74	60	363	44.1	149.8		GG P				
16559W	5955N	1761-21393	00000/0000	1-10029/0234	08/23/74	90	614	38.9	152.5		PGGG				
16559W	5256N	1758-21242	00000/0000	1-10029/0104	08/20/74	100	572	44.6	143.9		GGGG				
16608W	6929N	1948-22094	00000/0000	1-10035/0404	02/26/75	20	3222	11.0	162.9		FFGF				
16608W	6136N	1960-21371	00000/0000	1-10035/0969	03/10/75	90	3389	21.7	153.7		FFFG				
16609W	6131N	1834-21423	00000/0000	00000/0000	11/04/74	80	1632	11.9	163.9		PPPP				
16609W	6126N	1816-21421	00000/0000	1-10030/1524	10/17/74	20	1381	18.0	162.7		PGGP				
16609W	5722N	1814-21325	00000/0000	1-10030/1550	10/15/74	100	1353	22.1	159.3		GGPG				
16610W	6133N	1942-21380	00000/0000	1-10034/0587	02/20/75	10	3138	14.9	154.5		FGGG				
16613W	6424N	1800-21534	00000/0000	1-10030/0923	10/01/74	50	1158	21.4	163.7		P PP				
16614W	6932N	1822-22150	00000/0000	1-10031/0462	10/23/74	80	1465	8.8	171.7		GGGG				
16614W	5726N	1958-21271	00000/0000	1-10035/0918	03/08/75	70	3361	23.9	150.2		FFFG				
16614W	5722N	1832-21322	00000/0000	1-10031/0861	11/02/74	60	1604	16.1	160.9		PPP				
16615W	5712N	1796-21330	00000/0000	1-10030/0852	09/27/74	60	1102	28.8	156.4		PPPG				
16616W	6921N	1786-22154	00000/0000	1-10030/0300	09/17/74	100	963	22.4	168.3		GGGG				
16617W	6118N	1780-21440	00000/0000	1-10030/0160	09/11/74	90	879	31.4	157.3		P P				
16617W	5723N	1976-21262	00000/0000	1-10036/0049	03/26/75	90	3612	31.1	149.1		GGGG				
16618W	6930N	1732-22174	00000/0000	1-10027/0746	07/25/74	70	210	39.5	163.8		GGGG				
16620W	5708N	1778-21335	00000/0000	1-10029/1110	09/09/74	100	851	35.3	152.8		GGGG				
16621W	6928N	1984-22080	00000/0000	1-10036/0656	04/03/75	30	3724	25.1	163.4		FGFG				
16621W	6128N	1978-21363	00000/0000	1-10037/0097	03/28/75	20	3640	29.0	153.1		GGFG				
16621W	6121N	1744-21452	00000/0000	1-10027/1393	08/06/74	90	377	42.8	151.8		GPPP				

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
16623W	6117N	1762-21444	00000/0000	1-10029/0250	08/24/74	90	628	37.5	154.2		GPPG					
16623W	5712N	1742-21351	00000/0000	1-10027/1261	08/04/74	100	349	46.2	146.0		GGPG					
16624W	6300N	1961-21423	00000/0000	1-10035/1063	03/11/75	30	3403	21.1	155.0		GGPG					
16624W	6249N	1817-21483	00000/0000	1-10030/1637	10/18/74	80	1395	16.5	164.0		GGPG					
16624W	5434N	1813-21280	00000/0000	1-10030/1440	10/14/74	100	1339	24.8	157.2		P GP					
16624W	5426N	1795-21281	00000/0000	1-10030/0687	09/26/74	40	1088	31.3	153.9		PPPG					
16625W	5709N	1760-21343	00000/0000	1-10029/0145	08/22/74	100	600	41.2	149.1		GGGG					
16627W	6811N	1803-22094	00000/0000	1-10030/1142	10/04/74	20	1200	17.0	168.5		GGPP					
16628W	6252N	1835-21475	00000/0000	1-10031/1022	11/05/74	60	1646	10.5	165.0		GPP					
16628W	6250N	1943-21432	00000/0000	1-10035/0124	02/21/75	50	3152	14.3	155.6		FFGF					
16629W	6813N	1821-22094	00000/0000	1-10031/0421	10/22/74	30	1451	10.3	169.9		GGPG					
16629W	5436N	1831-21273	00000/0000	1-10031/0788	11/01/74	80	1590	18.7	159.1		GPPP					
16630W	6922N	1750-22170	00000/0000	1-10027/1692	08/12/74	100	461	34.9	164.5		GGGG					
16630W	6812N	1947-22043	00000/0000	1-10035/0193	02/25/75	30	3208	11.6	161.2		GGGG					
16630W	5438N	1957-21221	00000/0000	1-10035/0845	03/07/75	70	3347	25.6	148.1		GGFG					
16635W	5431N	1975-21213	00000/0000	1-10036/0390	03/25/75	100	3598	32.7	146.6		GGGG					
16636W	5418N	1777-21290	00000/0000	1-10029/1074	09/08/74	80	837	37.7	149.8		PPPP					
16637W	6251N	1979-21414	00000/0000	1-10036/0552	03/29/75	30	3654	28.3	154.5		GGGG					
16637W	6242N	1781-21491	00000/0000	1-10029/1195	09/12/74	90	893	29.9	159.0		GGGG					
16638W	6814N	1965-22034	00000/0000	1-10035/0430	03/15/75	70	3459	18.6	161.2		FFGF					
16639W	5423N	1759-21294	00000/0000	1-10029/0126	08/21/74	100	586	43.4	145.7		GGGG					
16640W	6243N	1745-21504	00000/0000	1-10027/1419	08/07/74	50	391	41.6	153.7		GG G					
16641W	6811N	1983-22025	00000/0000	1-10036/0604	04/02/75	0	3710	25.8	161.3		GGGG					
16642W	6812N	1731-22123	00000/0000	1-10027/0688	07/24/74	80	196	40.8	161.4		GG G					
16642W	6801N	1785-22102	00000/0000	1-10030/0187	09/16/74	80	949	24.0	166.2		GPPG					
16642W	6238N	1763-21500	00000/0000	1-10029/0313	08/25/74	90	642	36.2	156.0		PPPP					
16642W	5852N	1959-21322	00000/0000	1-10035/0994	03/09/75	100	3375	23.3	151.3		FFFF					
16643W	6413N	1836-21531	00000/0000	1-10031/1040	11/06/74	60	1660	9.0	166.2		PPP					
16645W	6412N	1818-21534	00000/0000	1-10031/0209	10/19/74	30	1409	14.9	165.3		PPGG					
16646W	6651N	1946-21591	00000/0000	1-10035/1038	02/24/75	10	3194	12.3	159.5		GGGG					
16646W	6533N	1945-21535	00000/0000	1-10035/0601	02/23/75	70	3180	13.0	158.1		GGFF					
16646W	6410N	1944-21484	00000/0000	1-10035/0135	02/22/75	30	3166	13.7	156.7		GGGF					
16646W	5837N	1797-21382	00000/0000	1-10030/0836	09/28/74	70	1116	27.3	157.7		GPP					
16647W	6650N	1802-22043	00000/0000	1-10030/0982	10/03/74	10	1186	18.5	166.6		PPPP					
16647W	6528N	1801-21591	00000/0000	1-10030/0905	10/02/74	70	1172	20.1	164.9		G PP					

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ERTS-1
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STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0693

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
16648W 6653N	1820-22042	00000/0000 1-10031/0318	10/21/74	0	1437	11.8	168.2		G GP	
16649W 6533N	1819-21590	00000/0000 1-10031/0237	10/20/74	50	1423	13.4	166.7		GGGG	
16650W 6411N	1980-21470	00000/0000 1-10036/0567	03/30/75	70	3668	27.7	156.1		FFFG	
16650W 6403N	1782-21543	00000/0000 1-10030/0073	09/13/74	90	907	28.4	160.7		GPUG	
16651W 6654N	1964-21582	00000/0000 1-10036/0130	03/14/75	50	3445	19.3	159.4		GGGG	
16651W 6404N	1746-21560	00000/0000 1-10027/1504	08/08/74	80	405	40.3	155.7		PPPP	
16652W 6804N	1749-22115	00000/0000 1-10027/1227	08/11/74	30	447	36.3	162.1		GGGG	
16653W 6642N	1784-22050	00000/0000 1-10030/0122	09/15/74	90	935	25.5	164.3		P PG	
16654W 5834N	1779-21391	00000/0000 00000/0000	09/10/74	100	865	33.8	154.4		GPUG	
16655W 6652N	1730-22071	00000/0000 1-10027/0617	07/23/74	80	182	42.0	159.1		GGGG	
16655W 6651N	1982-21573	00000/0000 1-10036/0484	04/01/75	60	3696	26.5	159.4		FPGG	
16656W 5834N	1743-21403	00000/0000 1-10027/1284	08/05/74	80	363	45.0	148.0		GGPG	
16657W 6524N	1747-22011	00000/0000 1-10027/1668	08/09/74	40	419	39.0	157.8		GGGG	
16657W 6400N	1764-21552	00000/0000 1-10029/0452	08/26/74	100	656	34.8	157.9		GPUG	
16657W 5833N	1761-21395	00000/0000 1-10029/0235	08/23/74	80	614	39.9	150.9		PPGG	
16658W 6532N	1981-21521	00000/0000 1-10037/0728	03/31/75	30	3682	27.1	157.7		FGGF	
16700W 6521N	1783-21595	00000/0000 1-10030/0795	09/14/74	70	921	27.0	162.4		GPUG	
16700W 5559N	1814-21332	00000/0000 1-10030/1551	10/15/74	80	1353	23.3	158.3		GGGG	
16702W 6642N	1766-22055	00000/0000 1-10029/0574	08/28/74	70	684	32.0	161.8		GPFG	
16705W 5559N	1832-21325	00000/0000 1-10031/0862	11/02/74	80	1604	17.3	160.0		PPPG	
16705W 5549N	1796-21333	00000/0000 1-10030/0853	09/27/74	40	1102	29.9	155.2		PPP	
16706W 5603N	1958-21273	00000/0000 1-10035/0919	03/08/75	90	3361	24.9	149.1		FFFG	
16707W 6520N	1765-22003	00000/0000 1-10029/0526	08/27/74	90	670	33.4	159.8		GGGP	
16708W 5559N	1976-21264	00000/0000 1-10036/0050	03/26/75	80	3612	32.1	147.8		FGGG	
16708W 5310N	1813-21283	00000/0000 1-10030/1441	10/14/74	100	1339	25.9	156.2		P GP	
16710W 5302N	1795-21283	00000/0000 1-10030/0688	09/26/74	20	1088	32.4	152.8		PPPP	
16711W 6014N	1960-21374	00000/0000 1-10035/0970	03/10/75	90	3389	22.7	152.4		FFGF	
16711W 5544N	1778-21342	00000/0000 1-10029/1111	09/09/74	100	851	36.3	151.4		PPGG	
16712W 6009N	1834-21430	00000/0000 00000/0000	11/04/74	80	1632	13.1	162.9		PPPP	
16712W 6004N	1816-21433	00000/0000 1-10030/1525	10/17/74	40	1381	19.2	161.6		GGGG	
16713W 6011N	1942-21383	00000/0000 1-10034/0588	02/20/75	10	3138	16.0	153.4		FGGF	
16714W 5548N	1742-21354	00000/0000 1-10027/1262	08/04/74	100	349	47.1	144.2		PPGG	
16715W 5314N	1957-21224	00000/0000 1-10035/0846	03/07/75	70	3347	26.5	147.0		FGFG	
16715W 5311N	1831-21280	00000/0000 1-10031/0789	11/01/74	70	1590	19.9	158.3		GGP	
16716W 5545N	1760-21350	00000/0000 1-10029/0146	08/22/74	100	600	42.2	147.5		PPPG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
16718W 5956N	1780-21442	00000/0000	1-10030/0161	09/11/74	90	879	32.4	155.9		P PP	
16720W 5307N	1975-21215	00000/0000	1-10036/0391	03/25/75	100	3598	33.6	145.3		FGFG	
16720W 5254N	1777-21292	00000/0000	1-10029/1075	09/08/74	40	837	38.7	148.5		PPP	
16721W 6933N	1823-22204	00000/0000	1-10031/0514	10/24/74	70	1479	8.4	171.8		P PP	
16723W 6006N	1978-21365	00000/0000	1-10037/0098	03/28/75	20	3640	30.0	151.6		GGFF	
16723W 5957N	1744-21455	00000/0000	1-10027/1394	08/06/74	90	377	43.8	149.9		GPPP	
16723W 5259N	1759-21301	00000/0000	1-10029/0127	08/21/74	100	586	44.3	144.1		GP GP	
16725W 6929N	1805-22205	00000/0000	1-10030/1115	10/06/74	70	1228	15.0	170.5		GGGG	
16726W 5954N	1762-21451	00000/0000	1-10029/0251	08/24/74	100	628	38.6	152.6		GGPP	
16729W 6303N	1800-21541	00000/0000	1-10030/0924	10/01/74	80	1158	22.5	162.3		P PG	
16732W 6127N	1817-21485	00000/0000	1-10030/1638	10/18/74	90	1395	17.6	162.8		GGGG	
16733W 6930N	1949-22152	00000/0000	1-10035/0468	02/27/75	10	3236	11.3	163.0		FFGG	
16734W 6138N	1961-21425	00000/0000	1-10035/1064	03/11/75	40	3403	22.1	153.7		FGFF	
16736W 6128N	1943-21435	00000/0000	1-10035/0125	02/21/75	90	3152	15.4	154.4		GFFG	
16737W 6130N	1835-21481	00000/0000	1-10031/1023	11/05/74	70	1646	11.6	163.9		PPP	
16737W 5728N	1959-21325	00000/0000	1-10035/0995	03/09/75	70	3375	24.3	150.2		GF+ F	
16740W 5713N	1797-21384	00000/0000	1-10030/0837	09/28/74	80	1116	28.4	156.6		PPG	
16744W 6808N	1804-22153	00000/0000	1-10030/1065	10/05/74	30	1214	16.6	168.6		PPPG	
16744W 6120N	1781-21494	00000/0000	1-10029/1196	09/12/74	80	893	31.0	157.6		GGGG	
16745W 6128N	1979-21421	00000/0000	1-10036/0553	03/29/75	20	3654	29.3	153.0		GFVG	
16746W 6921N	1787-22212	00000/0000	1-10030/0224	09/18/74	50	977	22.1	168.4		GPPG	
16746W 5723N	1977-21320	00000/0000	1-10036/0257	03/27/75	20	3626	31.5	149.0		FFFG	
16747W 5435N	1814-21334	00000/0000	1-10030/1562	10/15/74	90	1353	24.4	157.3		PGGG	
16748W 6121N	1745-21510	00000/0000	1-10027/1420	08/07/74	40	391	42.5	151.9		GGPP	
16748W 5711N	1779-21393	00000/0000	00000/0000	09/10/74	100	865	34.9	153.0		GP GG	
16750W 6116N	1763-21502	00000/0000	1-10029/0314	08/25/74	100	642	37.2	154.4		GGPP	
16751W 5711N	1743-21410	00000/0000	1-10027/1285	08/05/74	100	363	45.9	146.2		GGPG	
16751W 5710N	1761-21402	00000/0000	1-10029/0236	08/23/74	90	614	40.9	149.3		GGGG	
16753W 5435N	1832-21331	00000/0000	1-10031/0863	11/02/74	90	1604	18.4	159.2		PPPP	
16753W 5425N	1796-21335	00000/0000	1-10030/0854	09/27/74	50	1102	31.0	154.1		PPPP	
16754W 5439N	1958-21280	00000/0000	1-10035/0920	03/08/75	90	3361	25.9	148.0		FFGG	
16756W 5435N	1976-21271	00000/0000	1-10036/0051	03/26/75	90	3612	33.1	146.5		FGGG	
16758W 6252N	1836-21533	00000/0000	1-10031/1041	11/06/74	90	1660	10.2	165.0		PPP	
16759W 6917N	1769-22221	00000/0000	1-10029/0707	08/31/74	90	726	28.8	166.2		GP GG	
16759W 6811N	1948-22101	00000/0000	1-10035/0405	02/26/75	10	3222	12.0	161.1		FGGG	

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
16759W	6248N	1944-21490	00000/0000	1-10035/0136	02/22/75	30	3166	14.7	155.5		FGGF	
16759W	5420N	1778-21344	00000/0000	1-10029/1090	09/09/74	100	851	37.3	150.1		G GG	
16800W	6921N	1751-22225	00000/0000	1-10027/1738	08/13/74	90	475	34.6	164.5		GGGG	
16800W	6250N	1818-21541	00000/0000	1-10031/0210	10/19/74	80	1409	16.1	164.1		GGGG	
16801W	5424N	1742-21360	00000/0000	1-10027/1263	08/04/74	90	349	48.0	142.4		GGGP	
16803W	6814N	1822-22152	00000/0000	1-10031/0463	10/23/74	70	1465	10.0	169.9		GGGG	
16803W	6249N	1980-21472	00000/0000	1-10036/0568	03/30/75	80	3668	28.7	154.5		GGFG	
16803W	6242N	1782-21550	00000/0000	1-10030/0074	09/13/74	90	907	29.5	159.2		GGGG	
16803W	5421N	1760-21352	00000/0000	1-10029/0147	08/22/74	90	600	43.1	145.9		GGGG	
16804W	6803N	1786-22160	00000/0000	1-10030/0301	09/17/74	90	963	23.6	166.3		GGGG	
16804W	6243N	1746-21562	00000/0000	1-10027/1505	08/08/74	80	405	41.3	153.8		PPPP	
16805W	6652N	1803-22101	00000/0000	1-10030/1143	10/04/74	50	1200	18.1	166.8		GGGP	
16807W	6411N	1945-21542	00000/0000	1-10035/0602	02/23/75	40	3180	14.0	156.7		FFFG	
16808W	6811N	1732-22181	00000/0000	1-10027/0747	07/25/74	90	210	40.6	161.4		GGGG	
16808W	6653N	1821-22100	00000/0000	1-10031/0422	10/22/74	0	1451	11.5	168.3		GGPG	
16808W	6407N	1801-21593	00000/0000	1-10030/0906	10/02/74	100	1172	21.2	163.5		P PP	
16809W	6653N	1947-22045	00000/0000	1-10035/0194	02/25/75	30	3208	12.7	159.5		GGGG	
16810W	5851N	1960-21380	00000/0000	1-10035/0971	03/10/75	70	3389	23.7	151.2		FGGF	
16810W	5841N	1816-21440	00000/0000	1-10030/1526	10/17/74	90	1381	20.3	160.5		GGGG	
16811W	6809N	1984-22083	00000/0000	1-10036/0657	04/03/75	60	3724	26.2	161.4		GGGF	
16811W	6412N	1819-21593	00000/0000	1-10031/0238	10/20/74	40	1423	14.6	165.4		GGGG	
16811W	6239N	1764-21554	00000/0000	1-10029/0453	08/26/74	100	656	35.9	156.2		GGGG	
16811W	5846N	1834-21432	00000/0000	00000/0000	11/04/74	90	1632	14.3	161.9		PPPP	
16812W	5847N	1942-21385	00000/0000	1-10034/0589	02/20/75	20	3138	17.0	152.3		FGGG	
16815W	6531N	1946-21594	00000/0000	1-10035/1039	02/24/75	0	3194	13.4	158.0		GGGG	
16815W	6530N	1802-22045	00000/0000	1-10030/0983	10/03/74	40	1186	19.7	165.1		PPPP	
16816W	6404N	1747-22014	00000/0000	1-10027/1669	08/09/74	60	419	40.0	155.8		GGGG	
16816W	5833N	1780-21445	00000/0000	1-10030/0162	09/11/74	80	879	33.5	154.5		P PP	
16817W	6803N	1750-22173	00000/0000	1-10027/1693	08/12/74	90	461	36.0	162.2		GGGG	
16817W	6654N	1965-22040	00000/0000	1-10035/0431	03/15/75	90	3459	19.6	159.4		GGFG	
16817W	6532N	1820-22045	00000/0000	1-10031/0319	10/21/74	20	1437	13.0	166.8		G GP	
16818W	6642N	1785-22105	00000/0000	1-10030/0188	09/16/74	80	949	25.1	164.4		GGPG	
16819W	6411N	1981-21524	00000/0000	1-10037/0729	03/31/75	20	3682	28.1	156.0		FGGG	
16820W	6651N	1983-22031	00000/0000	1-10036/0605	04/02/75	20	3710	26.8	159.4		FFFG	
16820W	6533N	1964-21585	00000/0000	1-10036/0131	03/14/75	30	3445	20.3	157.7		GGGG	

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OF POOR QUALITY

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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
16820W	6400N	1783-22001	00000/0000	1-10030/0796	09/14/74	80	921	28.1	160.8		GPLG				
16821W	6652N	1731-22125	00000/0000	1-10027/0689	07/24/74	60	196	41.8	159.1		GG G				
16821W	6523N	1784-22053	00000/0000	1-10030/0123	09/15/74	80	935	26.6	162.6		P PG				
16821W	5843N	1978-21372	00000/0000	1-10037/0099	03/28/75	20	3640	31.0	150.3		GGGG				
16821W	5834N	1744-21461	00000/0000	1-10027/1395	08/06/74	90	377	44.7	148.1		PPPP				
16823W	6531N	1982-21580	00000/0000	1-10036/0485	04/01/75	10	3696	27.5	157.7		FPGG				
16824W	6531N	1730-22073	00000/0000	1-10027/0618	07/23/74	70	182	43.1	156.8		GP GG				
16824W	5831N	1762-21453	00000/0000	1-10029/0252	08/24/74	90	628	39.6	151.0		GP GG				
16826W	6358N	1765-22010	00000/0000	1-10029/0505	08/27/74	80	670	34.5	158.0		G PP				
16828W	6644N	1749-22121	00000/0000	1-10027/1228	08/11/74	60	447	37.4	160.0		GGPG				
16828W	6641N	1767-22113	00000/0000	1-10029/0606	08/29/74	90	698	31.6	161.9		P GG				
16828W	6522N	1766-22061	00000/0000	1-10029/0575	08/28/74	50	684	33.0	160.0		GP GG				
16828W	5604N	1959-21331	00000/0000	1-10035/0996	03/09/75	70	3375	25.3	149.0		FFGF				
16829W	6525N	1748-22070	00000/0000	1-10027/1581	08/10/74	60	433	38.7	157.9		PP P				
16831W	5550N	1797-21391	00000/0000	1-10030/0838	09/28/74	60	1116	29.5	155.4		PPP				
16833W	5552N	1923-21345	00000/0000	1-10034/0034	02/01/75	90	2873	13.3	152.3		PGF G				
16833W	5311N	1814-21341	00000/0000	1-10030/1553	10/15/74	90	1353	25.5	156.4		GGGP				
16835W	6004N	1817-21492	00000/0000	1-10030/1639	10/18/74	80	1395	18.8	161.7		GGPG				
16837W	5559N	1977-21322	00000/0000	1-10036/0258	03/27/75	60	3626	32.5	147.7		FFGF				
16838W	6141N	1800-21543	00000/0000	1-10030/0925	10/01/74	90	1158	23.6	161.0		P				
16838W	6015N	1961-21432	00000/0000	1-10035/1065	03/11/75	40	3403	23.1	152.4		GGF G				
16838W	5547N	1779-21400	00000/0000	00000/0000	09/10/74	100	865	35.9	151.7		PPGG				
16838W	5301N	1796-21342	00000/0000	1-10030/0855	09/27/74	40	1102	32.1	153.0		PPPP				
16839W	6005N	1943-21441	00000/0000	1-10035/0126	02/21/75	40	3152	16.4	153.3		GGF F				
16839W	5311N	1832-21334	00000/0000	1-10031/0864	11/02/74	80	1604	19.6	158.4		PPPP				
16840W	6007N	1835-21484	00000/0000	1-10031/1024	11/05/74	80	1646	12.8	162.9		PPP				
16840W	5315N	1958-21282	00000/0000	1-10035/0921	03/08/75	90	3361	26.9	146.9		FFFF				
16841W	5548N	1743-21412	00000/0000	1-10027/1286	08/05/74	100	363	46.9	144.4		GP G				
16841W	5311N	1976-21273	00000/0000	1-10036/0052	03/26/75	90	3612	34.0	145.3		FGGF				
16843W	5546N	1761-21404	00000/0000	1-10029/0237	08/23/74	100	614	41.8	147.7		GGGG				
16844W	5257N	1778-21351	00000/0000	1-10029/1091	09/09/74	100	851	38.4	148.8		P GG				
16846W	5957N	1781-21500	00000/0000	1-10029/1197	09/12/74	50	893	32.1	156.1		GP GG				
16846W	5259N	1742-21363	00000/0000	1-10027/1264	08/04/74	90	349	48.8	140.5		GGGG				
16847W	5257N	1760-21355	00000/0000	1-10029/0148	08/22/74	90	600	44.0	144.4		GP GG				
16848W	6005N	1979-21423	00000/0000	1-10036/0554	03/29/75	10	3654	30.4	151.6		GGGG				

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PAGE 0697

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P B P C C D D
16851W	5958N	1745-21513	00000/0000	1-10027/1421	08/07/74	60	391	43.5	150.1	PG P	
16852W	5953N	1763-21505	00000/0000	1-10029/0315	08/25/74	100	642	38.3	152.8	GPPP	
16904W	5728N	1960-21383	00000/0000	1-10035/0972	03/10/75	100	3389	24.7	150.1	FGFG	
16905W	5718N	1816-21442	00000/0000	1-10030/1527	10/17/74	90	1381	21.5	159.5	PGGG	
16906W	6129N	1836-21540	00000/0000	1-10031/1042	11/06/74	80	1660	11.4	163.9	PPP	
16906W	5722N	1834-21435	00000/0000	00000/0000	11/04/74	90	1632	15.5	161.0	PPPP	
16907W	6127N	1944-21493	00000/0000	1-10035/0137	02/22/75	20	3166	15.7	154.3	GGGF	
16907W	5724N	1942-21392	00000/0000	1-10034/0590	02/20/75	50	3138	18.0	151.3	GGGG	
16908W	6128N	1818-21543	00000/0000	1-10031/0211	10/19/74	90	1409	17.3	162.9	PGGG	
16910W	6120N	1782-21552	00000/0000	1-10030/0075	09/13/74	60	907	30.6	157.7	PPGG	
16911W	6128N	1980-21475	00000/0000	1-10036/0569	03/30/75	80	3668	29.7	153.0	FGFG	
16911W	5709N	1780-21451	00000/0000	1-10030/0163	09/11/74	70	879	34.6	153.2	P PP	
16912W	6120N	1746-21565	00000/0000	1-10027/1506	08/08/74	90	405	42.3	152.0	P P	
16913W	6814N	1823-22210	00000/0000	1-10031/0515	10/24/74	90	1479	9.6	170.1	P PP	
16913W	5712N	1744-21464	00000/0000	1-10027/1396	08/06/74	90	377	45.7	146.3	GP P	
16915W	6810N	1805-22211	00000/0000	1-10030/1116	10/06/74	60	1228	16.2	168.7	GGGG	
16915W	5719N	1978-21374	00000/0000	1-10037/0100	03/28/75	60	3640	31.9	148.9	FFGG	
16916W	5440N	1959-21334	00000/0000	1-10035/0997	03/09/75	80	3375	26.3	147.9	GGFF	
16916W	5147N	1814-21343	00000/0000	1-10030/1554	10/15/74	100	1353	26.7	155.5	GGGP	
16917W	5709N	1762-21460	00000/0000	1-10029/0253	08/24/74	80	628	40.6	149.5	GGGG	
16918W	6116N	1764-21561	00000/0000	1-10029/0454	08/26/74	100	656	36.9	154.5	PGGG	
16919W	5426N	1797-21393	00000/0000	1-10030/0839	09/28/74	50	1116	30.6	154.3	PPPP	
16920W	5429N	1923-21351	00000/0000	1-10034/0035	02/01/75	60	2873	14.3	151.5	FGGG	
16921W	6250N	1945-21544	00000/0000	1-10035/0603	02/23/75	20	3180	15.1	155.5	GGGF	
16921W	5136N	1796-21344	00000/0000	1-10030/0856	09/27/74	50	1102	33.1	151.9	PGPP	
16922W	6245N	1801-22000	00000/0000	1-10030/0907	10/02/74	100	1172	22.4	162.1	G PP	
16923W	6812N	1949-22155	00000/0000	1-10035/0469	02/27/75	10	3236	12.4	161.1	GGFG	
16923W	6649N	1804-22155	00000/0000	1-10030/1066	10/05/74	30	1214	17.7	166.9	PPPG	
16923W	5150N	1958-21285	00000/0000	1-10035/0922	03/08/75	70	3361	27.9	145.9	GGFF	
16923W	5146N	1832-21340	00000/0000	1-10031/0865	11/02/74	90	1604	20.8	157.6	PPPP	
16924W	5435N	1977-21325	00000/0000	1-10036/0259	03/27/75	60	3626	33.4	146.5	FGGG	
16926W	6250N	1819-21595	00000/0000	1-10031/0239	10/20/74	30	1423	15.7	164.1	GGGG	
16926W	5424N	1779-21402	00000/0000	00000/0000	09/10/74	100	865	37.0	150.4	PGGG	
16927W	5133N	1778-21353	00000/0000	1-10029/1092	09/09/74	100	851	39.4	147.4	G GG	
16928W	6243N	1747-22020	00000/0000	1-10027/1670	08/09/74	80	419	41.0	153.9	GGGG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
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PAGE 0698

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT		RBV	MSS								B	P	P	B	P
16928W	5424N	1743-21415	00000/0000	1-10027/1287	08/05/74	100	363	47.7	142.6		GGPP					
16928W	5135N	1742-21365	00000/0000	1-10027/1265	08/04/74	90	349	49.7	138.7		GGPG					
16930W	5422N	1761-21411	00000/0000	1-10029/0238	08/23/74	90	614	42.8	146.2		GGPG					
16930W	5132N	1760-21361	00000/0000	1-10029/0149	08/22/74	100	600	44.9	142.8		PGGG					
16932W	6239V	1783-22004	00000/0000	1-10030/0797	09/14/74	90	921	29.2	159.3		GGGG					
16933W	6249N	1981-21530	00000/0000	1-10037/0730	03/31/75	10	3682	29.2	154.4		GGGG					
16934W	6802N	1787-22214	00000/0000	1-10030/0225	09/18/74	60	977	23.2	166.4		GGGG					
16934W	6532N	1803-22103	00000/0000	1-10030/1144	10/04/74	50	1200	19.3	165.2		GPGP					
16934W	5841N	1817-21494	00000/0000	1-10030/1640	10/18/74	100	1395	20.0	160.6		GGGG					
16936W	6408N	1802-22052	00000/0000	1-10030/0984	10/03/74	90	1186	20.8	163.6		PPPP					
16937W	6411N	1820-22051	00000/0000	1-10031/0320	10/21/74	20	1437	14.2	165.5		G GP					
16937W	6410N	1946-22000	00000/0000	1-10035/1040	02/24/75	10	3194	14.4	156.7		GGGG					
16938W	6651N	1948-22103	00000/0000	1-10035/0406	02/26/75	10	3222	13.1	159.5		FFGF					
16938W	6532N	1821-22103	00000/0000	1-10031/0417	10/22/74	0	1451	12.7	166.9		G PG					
16938W	6237N	1765-22012	00000/0000	1-10029/0506	08/27/74	90	670	35.5	156.3		G GG					
16938W	5852N	1961-21434	00000/0000	1-10035/1066	03/11/75	30	3403	24.1	151.2		GFPG					
16938W	5842N	1943-21444	00000/0000	1-10035/0127	02/21/75	20	3152	17.4	152.2		GGGG					
16939W	6532N	1947-22052	00000/0000	1-10035/0195	02/25/75	50	3208	13.7	158.0		FGGF					
16939W	5844N	1835-21490	00000/0000	1-10031/1025	11/05/74	70	1646	14.0	161.9		PPPP					
16941W	6654N	1822-22155	00000/0000	1-10031/0464	10/23/74	90	1465	11.1	168.4		PGGG					
16941W	6643N	1786-22163	00000/0000	1-10030/0302	09/17/74	80	963	24.7	164.5		GGGP					
16941W	6412N	1964-21591	00000/0000	1-10036/0132	03/14/75	20	3445	21.3	156.2		GGGG					
16941W	6402N	1784-22055	00000/0000	1-10030/0124	09/15/74	90	935	27.7	161.0		P PG					
16942W	6018N	1800-21550	00000/0000	1-10030/0926	10/01/74	80	1158	24.8	159.7		P P					
16943W	6410N	1982-21582	00000/0000	1-10036/0486	04/01/75	0	3696	28.5	156.0		FGGG					
16944W	5834N	1781-21503	00000/0000	1-10029/1198	09/12/74	70	893	33.1	154.8		GP GG					
16945W	6410N	1730-22080	00000/0000	1-10027/0619	07/23/74	40	182	44.1	154.7		GGGG					
16946W	6759N	1769-22223	00000/0000	1-10029/0708	08/31/74	80	726	29.9	164.1		GGGG					
16946W	6534N	1965-22043	00000/0000	1-10035/0432	03/15/75	100	3459	20.7	157.7		FGGF					
16946W	6522N	1785-22111	00000/0000	1-10030/0189	09/16/74	60	949	26.2	162.7		PPPG					
16947W	6652N	1732-22183	00000/0000	1-10027/0748	07/25/74	90	210	41.6	159.1		GGPG					
16947W	6401N	1766-22064	00000/0000	1-10029/0576	08/28/74	80	684	34.1	158.2		GGGG					
16947W	5842N	1979-21430	00000/0000	1-10036/0555	03/29/75	10	3654	31.3	150.2		GGGG					
16948W	6804N	1751-22231	00000/0000	1-10027/1739	08/13/74	90	475	35.7	162.3		PGGG					
16948W	6650N	1984-22085	00000/0000	1-10036/0658	04/03/75	100	3724	27.2	159.4		FFGF					

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	SRBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
16948W	5835N	1745-21515	00000/0000	1-10027/1422	08/07/74	90	391	44.5	148.3	GGPG	
16949W	6531N	1983-22034	00000/0000	1-10036/0606	04/02/75	10	3710	27.9	157.6	GGGF	
16949W	6404N	1748-22072	00000/0000	1-10027/1582	08/10/74	70	433	39.7	155.9	G	
16951W	6532N	1731-22132	00000/0000	1-10027/0690	07/24/74	50	196	42.8	156.9	GG G	
16951W	5830N	1763-21511	00000/0000	1-10029/0316	08/25/74	100	642	39.3	151.2	GGPP	
16954W	6644N	1750-22175	00000/0000	1-10027/1694	08/12/74	90	461	37.1	160.1	GGGG	
16955W	6521N	1767-22120	00000/0000	1-10029/0607	08/29/74	100	698	32.7	160.1	P GG	
16956W	6524N	1749-22124	00000/0000	1-10027/1229	08/11/74	100	447	38.4	158.0	GGP	
16956W	5605N	1960-21385	00000/0000	1-10035/0973	03/10/75	60	3389	25.7	148.9	GGGF	
16956W	5554N	1816-21445	00000/0000	1-10030/1528	10/17/74	90	1381	22.6	158.5	GGGG	
16957W	5558N	1834-21441	00000/0000	00000/0000	11/04/74	90	1632	16.7	160.1	PPP	
16958W	5600N	1942-21394	00000/0000	1-10034/0591	07/20/75	90	3138	19.0	150.4	GGGG	
17001W	5316N	1959-21340	00000/0000	1-10035/0998	03/09/75	70	3375	27.3	146.9	GGGG	
17002W	5546N	1780-21454	00000/0000	1-10030/0164	09/11/74	70	879	35.6	151.9	P PP	
17003W	5549N	1744-21470	00000/0000	1-10027/1397	08/06/74	90	377	46.6	144.5	GP G	
17003W	5302N	1797-21400	00000/0000	1-10030/0840	09/28/74	40	1116	31.7	153.2	PPPP	
17005W	5556N	1978-21381	00000/0000	1-10037/0101	03/28/75	70	3640	32.9	147.6	GGGF	
17005W	5304N	1923-21354	00000/0000	1-10034/0036	07/01/75	60	2873	15.3	150.7	GGGG	
17008W	5545N	1762-21462	00000/0000	1-10029/0254	08/24/74	90	628	41.5	147.9	GGPG	
17009W	6006N	1836-21542	00000/0000	1-10031/1043	11/06/74	80	1660	12.5	162.9	PPP	
17009W	5310N	1977-21331	00000/0000	1-10036/0260	03/27/75	50	3626	34.4	145.2	FFGF	
17010W	6004N	1944-21495	00000/0000	1-10035/0138	02/22/75	20	3166	16.8	153.2	GGGG	
17010W	5300N	1779-21405	00000/0000	00000/0000	09/10/74	100	865	38.0	149.1	GGGG	
17011W	6005N	1818-21550	00000/0000	1-10031/0212	10/19/74	100	1409	18.4	161.8	GGPG	
17012W	5957N	1782-21555	00000/0000	1-10030/0076	09/13/74	80	907	31.7	156.3	GGGG	
17013W	6005N	1980-21481	00000/0000	1-10036/0570	03/30/75	50	3668	30.7	151.6	GGGF	
17013W	5259N	1743-21421	00000/0000	1-10027/1288	08/05/74	90	363	48.6	140.7	GGPG	
17015W	5958N	1746-21571	00000/0000	1-10027/1507	08/08/74	80	405	43.3	150.2	PPPP	
17015W	5258N	1761-21413	00000/0000	1-10029/0239	08/23/74	70	614	43.7	144.6	GGGG	
17021W	5953N	1764-21563	00000/0000	1-10029/0451	08/26/74	100	656	37.9	153.0	G GG	
17029W	6128N	1945-21551	00000/0000	1-10035/0504	07/23/75	30	3180	16.1	154.3	GGGF	
17029W	6123N	1801-22002	00000/0000	1-10030/0908	10/02/74	100	1172	23.5	160.8	P PP	
17030W	5718N	1817-21501	00000/0000	1-10030/1641	10/18/74	100	1395	21.1	159.6	GGGG	
17032W	5719N	1943-21450	00000/0000	1-10035/0128	07/21/75	40	3152	18.4	151.2	GGGF	
17033W	5729N	1961-21441	00000/0000	1-10035/1067	03/11/75	20	3403	25.1	150.0	GGGF	

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
17034W	6128N	1819-22002	00000/0000	1-10031/0240	10/20/74	80	1423	16.9	163.0		GGGG					
17034W	5720N	1835-21493	00000/0000	1-10031/1026	11/05/74	60	1646	15.2	161.0		PPPP					
17035W	6121N	1747-22023	00000/0000	1-10027/1671	08/09/74	100	419	42.0	152.1		GGGG					
17038W	5710N	1781-21505	00000/0000	1-10029/1199	09/12/74	90	893	34.2	153.4		GPGP					
17039W	6117N	1783-22010	00000/0000	1-10030/0798	09/14/74	80	921	30.3	157.8		GGGG					
17041W	6127N	1981-21533	00000/0000	1-10037/0731	03/31/75	10	3682	30.2	152.9		FGGG					
17041W	5856N	1800-21552	00000/0000	1-10030/0927	10/01/74	90	1158	25.9	158.5		G PP					
17042W	5719N	1979-21432	00000/0000	1-10036/0556	03/29/75	40	3654	32.3	148.9		GFGG					
17042W	5713N	1745-21522	00000/0000	1-10027/1423	08/07/74	100	391	45.4	146.5		GGPG					
17044W	5440N	1960-21392	00000/0000	1-10035/0974	03/10/75	40	3389	26.7	147.8		FFGF					
17044W	5430N	1816-21451	00000/0000	1-10030/1529	10/17/74	60	1381	23.8	157.6		PPGG					
17044W	5151N	1959-21343	00000/0000	1-10035/0999	03/09/75	70	3375	28.2	145.8		GGFG					
17045W	6115N	1765-22015	00000/0000	1-10029/0507	08/27/74	70	670	36.6	154.7		G GG					
17045W	5708N	1763-21514	00000/0000	1-10029/0317	08/25/74	100	642	40.3	149.7		GGPP					
17045W	5434N	1834-21444	00000/0000	00000/0000	11/04/74	100	1632	17.8	159.3		PPPP					
17045W	5138N	1797-21402	00000/0000	1-10030/0841	09/28/74	80	1116	32.8	152.1		PPPP					
17046W	5437N	1942-21401	00000/0000	1-10034/0592	07/20/75	80	3138	20.1	149.4		GGGG					
17048W	6808N	1806-22270	00000/0000	1-10031/0085	10/07/74	90	1242	15.8	168.7		GPFG					
17048W	5140N	1923-21360	00000/0000	1-10034/0028	07/01/75	100	2873	16.4	149.9		F F					
17049W	6247N	1802-22054	00000/0000	1-10030/0973	10/03/74	90	1186	22.0	162.3		P PP					
17049W	5423N	1780-21460	00000/0000	1-10030/0165	09/11/74	70	879	36.6	150.6		P PP					
17051W	6413N	1839-22101	00000/0000	1-10031/0928	11/09/74	100	1702	8.1	166.2		PGPP					
17051W	6249N	1820-22054	00000/0000	1-10031/0321	10/21/74	30	1437	15.4	164.2		GGGP					
17051W	6248N	1946-22003	00000/0000	1-10035/1041	07/24/75	20	3194	15.4	155.4		FFGG					
17051W	5424N	1744-21473	00000/0000	1-10027/1398	08/06/74	90	377	47.5	142.7		GPFG					
17052W	5432N	1978-21383	00000/0000	1-10037/0102	03/28/75	40	3640	33.9	146.3		FGPF					
17053W	6656N	1823-22213	00000/0000	1-10031/0516	10/24/74	100	1479	10.8	168.5		P GP					
17053W	6529N	1804-22162	00000/0000	1-10030/1059	10/05/74	30	1214	18.9	165.3		P PG					
17055W	6651N	1805-22214	00000/0000	1-10030/1117	10/06/74	90	1228	17.4	167.0		GGGG					
17055W	6411N	1803-22110	00000/0000	1-10030/1145	10/04/74	30	1200	20.5	163.8		GGPP					
17055W	6250N	1964-21594	00000/0000	1-10036/0133	03/14/75	10	3445	22.4	154.8		GGGG					
17055W	6241N	1784-22062	00000/0000	1-10030/0125	09/15/74	90	935	28.8	159.5		G PG					
17055W	5421N	1762-21465	00000/0000	1-10029/0255	08/24/74	90	628	42.5	146.4		GPFG					
17055W	5135N	1743-21424	00000/0000	1-10027/1289	08/05/74	90	363	49.4	138.9		GGPG					
17057W	6248N	1982-21585	00000/0000	1-10036/0487	04/01/75	0	3696	29.6	154.4		GFGG					

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ERTS-1
COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0701

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
17057W 5134N	1761-21420	00000/0000	1-10029/0240	08/23/74	80	614	44.7	143.0		GGGG	
17059W 6411N	1821-22105	00000/0000	1-10031/0423	10/22/74	10	1451	13.9	165.5		GGGG	
17059W 6247N	1730-22082	00000/0000	1-10027/0620	07/23/74	40	182	45.1	152.7		GGPG	
17100W 6239N	1766-22070	00000/0000	1-10029/0577	08/28/74	100	684	35.2	156.5		GPFP	
17101W 6411N	1947-22054	00000/0000	1-10035/0196	02/25/75	70	3208	14.8	156.6		FGGF	
17101W 6242N	1748-22075	00000/0000	1-10027/1583	08/10/74	90	433	40.7	154.0		GG G	
17102W 6652N	1949-22161	00000/0000	1-10035/0470	02/27/75	10	3236	13.4	159.5		GGGF	
17107W 6531N	1948-22110	00000/0000	1-10035/0407	02/26/75	20	3222	14.1	158.0		FGGG	
17107W 6401N	1785-22114	00000/0000	1-10030/0190	09/16/74	40	949	27.3	161.1		PPPP	
17107W 5843N	1836-21545	00000/0000	1-10031/1044	11/06/74	80	1660	13.7	162.0		PPP	
17108W 6412N	1965-22045	00000/0000	1-10035/0433	03/15/75	90	3459	21.7	156.2		GGFF	
17109W 6533N	1822-22161	00000/0000	1-10031/0465	10/23/74	90	1465	12.3	166.9		GGGG	
17109W 6522N	1786-22165	00000/0000	1-10030/0303	09/17/74	70	963	25.8	162.8		GGGP	
17109W 5843N	1818-21552	00000/0000	1-10031/0213	10/19/74	100	1409	19.6	160.7		GPFP	
17109W 5841N	1944-21502	00000/0000	1-10035/0139	02/22/75	20	3166	17.8	152.1		FGGG	
17109W 5834N	1782-21561	00000/0000	1-10030/0077	09/13/74	90	907	32.8	155.0		GGGG	
17110W 6642N	1787-22221	00000/0000	1-10030/0226	09/18/74	50	977	24.3	164.6		GGGP	
17110W 6409N	1983-22040	00000/0000	1-10036/0607	04/02/75	10	3710	28.9	156.0		GGGG	
17112W 6410N	1731-22134	00000/0000	1-10027/0691	07/24/74	90	196	43.9	154.8		GGPG	
17112W 5842N	1980-21484	00000/0000	1-10036/0571	03/30/75	20	3668	31.7	150.2		FGFG	
17113W 5835N	1746-21574	00000/0000	1-10027/1508	08/08/74	70	405	44.2	148.4		PPPP	
17114W 6400N	1767-22122	00000/0000	1-10029/0608	08/29/74	90	698	33.8	158.3		P PP	
17115W 6530N	1732-22190	00000/0000	1-10027/0749	07/25/74	90	210	42.6	156.9		PGGG	
17116W 6403N	1749-22130	00000/0000	1-10027/1230	08/11/74	100	447	39.4	156.0		GGGG	
17117W 6529N	1984-22092	00000/0000	1-10036/0659	04/03/75	100	3724	28.3	157.6		FFFF	
17119W 5831N	1764-21570	00000/0000	1-10029/0455	08/26/74	100	656	39.0	151.4		GPGG	
17122W 6524N	1750-22182	00000/0000	1-10027/1695	08/12/74	100	461	38.1	158.0		GGGG	
17122W 5554N	1817-21503	00000/0000	1-10030/1642	10/18/74	100	1395	22.3	158.6		GGGG	
17123W 6639N	1769-22230	00000/0000	1-10029/0709	08/31/74	70	726	31.0	162.2		GGPG	
17123W 5555N	1943-21453	00000/0000	1-10035/0129	02/21/75	90	3152	19.5	150.2		GGGF	
17124W 5557N	1835-21495	00000/0000	1-10031/1027	11/05/74	80	1646	16.4	160.2		PPPG	
17125W 5605N	1961-21443	00000/0000	1-10035/1068	03/11/75	50	3403	26.1	148.9		FG G	
17126W 6644N	1751-22234	00000/0000	1-10027/1740	08/13/74	90	475	36.8	160.1		GGGG	
17129W 5547N	1781-21512	00000/0000	1-10029/1200	09/12/74	100	893	35.2	152.1		PPPG	
17129W 5316N	1960-21394	00000/0000	1-10035/0975	03/10/75	50	3389	27.7	146.8		FGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
17129W 5307N	1816-21454	00000/0000 1-10030/1530	10/17/74	20	1381	24.9	156.6		GGGG	
17131W 5313N	1942-21403	00000/0000 1-10034/0593	02/20/75	70	3138	21.1	148.5		GGGG	
17131W 5310N	1834-21450	00000/0000 00000/0000	11/04/74	100	1632	19.0	158.5		PPP	
17132W 6000N	1801-22005	00000/0000 1-10030/0909	10/02/74	90	1172	24.7	159.6		G PG	
17133W 6005N	1945-21553	00000/0000 1-10035/0605	02/23/75	30	3180	17.1	153.1		FGFG	
17133W 5555N	1979-21435	00000/0000 1-10036/0557	03/29/75	60	3654	33.3	147.6		FGGG	
17133W 5549N	1745-21524	00000/0000 1-10027/1424	08/07/74	90	391	46.3	144.7		GGPG	
17135W 5545N	1763-21520	00000/0000 1-10029/0318	08/25/74	100	642	41.2	148.1		GG G	
17135W 5259N	1780-21463	00000/0000 1-10030/0166	09/11/74	60	879	37.7	149.3		P PP	
17136W 6006N	1819-22004	00000/0000 1-10031/0241	10/20/74	90	1423	18.1	161.9		GGGG	
17136W 5733N	1800-21555	00000/0000 1-10030/0928	10/01/74	70	1158	27.0	157.4		G PP	
17137W 5307N	1978-21390	00000/0000 1-10037/0103	03/28/75	30	3640	34.8	145.0		GGGG	
17137W 5300N	1744-21475	00000/0000 1-10027/1399	08/06/74	90	377	48.4	140.9		GPPP	
17138W 5959N	1747-22025	00000/0000 1-10027/1672	08/09/74	90	419	43.0	150.3		GGGG	
17139W 5258N	1762-21471	00000/0000 1-10029/0256	08/24/74	90	628	43.4	144.8		GPPG	
17142W 5955N	1783-22013	00000/0000 1-10030/0799	09/14/74	80	921	31.4	156.5		GGGG	
17144W 6004N	1981-21535	00000/0000 1-10037/0732	03/31/75	30	3682	31.2	151.5		GGGG	
17146W 5953N	1765-22021	00000/0000 1-10029/0508	08/27/74	80	670	37.6	153.1		G GG	
17157W 6124N	1802-22061	00000/0000 1-10030/0974	10/03/74	90	1186	23.1	161.0		P PP	
17159W 6127N	1820-22060	00000/0000 1-10031/0322	10/21/74	70	1437	16.6	163.1		GGGG	
17159W 6126N	1946-22005	00000/0000 1-10035/1042	02/24/75	30	3194	16.5	154.2		GGGF	
17202W 6119N	1784-22064	00000/0000 1-10030/0126	09/15/74	80	935	29.9	158.0		G PG	
17202W 5720N	1836-21551	00000/0000 1-10031/1045	11/06/74	100	1660	14.9	161.1		PPP	
17203W 6128N	1964-22000	00000/0000 1-10036/0134	03/14/75	20	3445	23.4	153.4		GGGG	
17203W 5720N	1818-21555	00000/0000 1-10031/0214	10/19/74	90	1409	20.8	159.7		GPPG	
17203W 5718N	1944-21504	00000/0000 1-10035/0140	02/22/75	40	3166	18.8	151.1		GGGG	
17203W 5710N	1782-21564	00000/0000 1-10030/0078	09/13/74	100	907	33.9	153.6		GGPG	
17205W 6251N	1839-22104	00000/0000 1-10031/0929	11/09/74	100	1702	9.3	165.0		GGPP	
17205W 6125N	1982-21591	00000/0000 1-10036/0488	04/01/75	0	3696	30.6	152.9		GF GG	
17206W 5719N	1980-21490	00000/0000 1-10036/0572	03/30/75	30	3668	32.7	148.8		GFFF	
17207W 6125N	1730-22085	00000/0000 1-10027/0621	07/23/74	90	182	46.0	150.7		GGGG	
17207W 5712N	1746-21580	00000/0000 1-10027/1509	08/08/74	80	405	45.2	146.6		PPPP	
17208W 6120N	1748-22081	00000/0000 1-10027/1584	08/10/74	90	433	41.7	152.2		GGGG	
17209W 6250N	1803-22112	00000/0000 1-10030/1146	10/04/74	40	1200	21.6	162.4		GGPP	
17209W 6117N	1766-22073	00000/0000 1-10029/0570	08/28/74	100	684	36.2	154.9		G PP	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
17210W 5430N	1817-21510	00000/0000 1-10030/1643	10/18/74	100	1395	23.4	157.7		GGGG	
17211W 5433N	1835-21502	00000/0000 1-10031/1028	11/05/74	70	1646	17.6	159.3		PPPP	
17212W 5431N	1943-21455	00000/0000 1-10035/0130	02/21/75	70	3152	20.5	149.3		GGGG	
17212W 5143N	1816-21460	00000/0000 1-10030/1531	10/17/74	40	1381	26.1	155.7		PP G	
17213W 6250N	1821-22112	00000/0000 1-10031/0424	10/22/74	60	1451	15.0	164.3		GGGG	
17214W 5148N	1942-21410	00000/0000 1-10034/0594	02/20/75	60	3138	22.1	147.6		GF GF	
17214W 5145N	1834-21453	00000/0000 00000/0000	11/04/74	90	1632	20.2	157.7		PPP	
17215W 6409N	1804-22164	00000/0000 1-10030/1067	10/05/74	30	1214	20.1	163.9		PPPP	
17215W 6250N	1947-22061	00000/0000 1-10035/0197	02/25/75	80	3208	15.8	155.4		FGGF	
17218W 5424N	1781-21514	00000/0000 1-10029/1201	09/12/74	100	893	36.3	150.8		GGGP	
17219W 5136N	1744-21482	00000/0000 1-10027/1400	08/06/74	80	377	49.2	139.1		GGPP	
17220W 5423N	1745-21531	00000/0000 1-10027/1425	08/07/74	70	391	47.2	142.9		GGGG	
17220W 5143N	1978-21392	00000/0000 1-10037/0104	03/28/75	30	3640	35.7	143.8		GGGG	
17221W 6412N	1840-22155	00000/0000 1-10031/1155	11/10/74	30	1716	7.8	166.2		PPP	
17221W 6239N	1785-22120	00000/0000 1-10030/0191	09/16/74	40	949	28.4	159.6		PPPG	
17221W 5431N	1979-21441	00000/0000 1-10036/0558	03/29/75	70	3654	34.3	146.2		GGGG	
17221W 5133N	1762-21474	00000/0000 1-10029/0257	08/24/74	90	628	44.4	143.3		GGGP	
17222W 6251N	1965-22052	00000/0000 1-10035/0434	03/15/75	40	3459	22.8	154.8		GGGG	
17222W 5422N	1763-21523	00000/0000 1-10029/0319	08/25/74	100	642	42.2	146.6		GP G	
17223W 6535N	1823-22215	00000/0000 1-10031/0517	10/24/74	100	1479	11.9	167.0		G GG	
17224W 6652N	1824-22271	00000/0000 1-10031/0542	10/25/74	20	1493	10.5	168.4		GGGG	
17224W 6530N	1805-22220	00000/0000 1-10030/1118	10/06/74	100	1228	18.5	165.5		GGGP	
17224W 6247N	1983-22043	00000/0000 1-10036/0608	04/02/75	10	3710	30.0	154.4		FGGG	
17226W 6238N	1767-22125	00000/0000 1-10029/0609	08/29/74	90	698	34.8	156.7		G GG	
17227W 6649N	1806-22272	00000/0000 1-10031/0086	10/07/74	90	1242	17.0	167.1		GGPP	
17227W 6249N	1731-22141	00000/0000 1-10027/0692	07/24/74	100	196	44.9	152.7		GG G	
17228W 6410N	1948-22112	00000/0000 1-10035/0408	02/26/75	10	3222	15.2	156.6		GGT G	
17228W 6402N	1786-22172	00000/0000 1-10030/0304	09/17/74	90	963	26.9	161.3		GGGP	
17228W 5609N	1800-21561	00000/0000 1-10030/0929	10/01/74	100	1158	28.1	156.3		G PP	
17230W 6413N	1822-22164	00000/0000 1-10031/0466	10/23/74	90	1465	13.5	165.6		GGPG	
17230W 5836N	1801-22011	00000/0000 1-10030/0910	10/02/74	80	1172	25.8	158.4		P PG	
17231W 6532N	1949-22164	00000/0000 1-10035/0471	02/27/75	20	3236	14.5	158.0		GF GF	
17231W 6242N	1749-22133	00000/0000 1-10027/1231	08/11/74	100	447	40.5	154.2		GGGG	
17231W 5842N	1945-21560	00000/0000 1-10035/0606	02/23/75	60	3180	18.1	152.1		GGGG	
17232W 6653N	1968-22211	00000/0000 1-10035/1159	03/18/75	40	3501	20.9	159.3		FGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV MSS 123 45678	PRODUCTS B P P B P C C D D
17234W 6643N	1788-22275	00000/0000 1-10030/0359	09/19/74	80	991	23.9	164.8	GGGG	
17234W 5843N	1819-22011	00000/0000 1-10031/0242	10/20/74	90	1423	19.3	160.8	GGGG	
17236W 6530N	1967-22155	00000/0000 1-10035/1104	03/17/75	30	3487	21.5	157.7	GGGG	
17236W 6409N	1732-22192	00000/0000 1-10027/0750	07/25/74	100	210	43.7	154.8	GGGG	
17236W 5835N	1747-22032	00000/0000 1-10027/1673	08/09/74	90	419	44.0	148.5	GGGG	
17237W 6522N	1787-22223	00000/0000 1-10030/0227	09/18/74	90	977	25.5	163.0	GGGP	
17238W 6408N	1984-22094	00000/0000 1-10036/0660	04/03/75	100	3724	29.3	156.0	FGFF	
17239W 5831N	1783-22015	00000/0000 1-10030/0800	09/14/74	80	921	32.4	155.1	GGGG	
17242W 6649N	1734-22300	00000/0000 1-10027/0869	07/27/74	90	238	41.2	159.1	GG G	
17242W 6403N	1750-22184	00000/0000 1-10027/1696	08/12/74	100	461	39.2	156.1	GGGP	
17242W 5841N	1981-21542	00000/0000 1-10037/0733	03/31/75	30	3682	32.2	150.1	GGGG	
17245W 5830N	1765-22024	00000/0000 1-10029/0509	08/27/74	90	670	38.6	151.6	G GG	
17250W 6644N	1752-22292	00000/0000 1-10027/1758	08/14/74	100	489	36.5	160.2	GGGG	
17250W 6638N	1770-22284	00000/0000 00000/0000	09/01/74	60	740	30.6	162.3	PGP	
17250W 6519N	1769-22232	00000/0000 1-10029/0710	08/31/74	80	726	32.0	160.3	GGGG	
17253W 5556N	1836-21554	00000/0000 1-10031/1046	11/06/74	90	1660	16.1	160.2	GGPP	
17253W 5546N	1782-21570	00000/0000 1-10030/0054	09/13/74	100	907	34.9	152.3	G GG	
17254W 6522N	1751-22240	00000/0000 1-10027/1741	08/13/74	90	475	37.8	158.1	GGGG	
17254W 5556N	1818-21561	00000/0000 1-10031/0215	10/19/74	100	1409	21.9	158.8	PPGG	
17254W 5554N	1944-21511	00000/0000 1-10035/0141	02/22/75	70	3166	19.8	150.1	GGFG	
17255W 5306N	1817-21512	00000/0000 1-10030/1644	10/18/74	90	1395	24.6	156.8	GGGG	
17256W 5309N	1835-21504	00000/0000 1-10031/1029	11/05/74	80	1646	18.7	158.5	PPPP	
17257W 5556N	1980-21493	00000/0000 1-10036/0573	03/30/75	20	3668	33.7	147.5	FFFG	
17257W 5547N	1746-21583	00000/0000 1-10027/1510	08/08/74	90	405	46.1	144.9	GP P	
17258W 5307N	1943-21462	00000/0000 1-10035/0131	02/21/75	60	3152	21.5	148.3	FGGG	
17300W 6001N	1802-22063	00000/0000 1-10030/0975	10/03/74	90	1186	24.3	159.8	P PP	
17302W 6005N	1820-22063	00000/0000 1-10031/0323	10/21/74	100	1437	17.7	162.0	GGGG	
17302W 6004N	1946-22012	00000/0000 1-10035/1043	02/24/75	30	3194	17.5	153.0	GGGF	
17303W 5300N	1781-21521	00000/0000 1-10029/1202	09/12/74	80	893	37.3	149.6	GGGG	
17304W 5259N	1745-21533	00000/0000 1-10027/1426	08/07/74	50	391	48.1	141.1	GGPG	
17305W 6005N	1964-22003	00000/0000 1-10036/0135	03/14/75	30	3445	24.4	152.1	GGGG	
17305W 5957N	1784-22071	00000/0000 1-10030/0137	09/15/74	70	935	31.0	156.7	PPPG	
17306W 5307N	1979-21444	00000/0000 1-10036/0559	03/29/75	80	3654	35.2	145.0	GGGF	
17307W 5258N	1763-21525	00000/0000 1-10029/0320	08/25/74	90	642	43.1	145.1	PP P	
17308W 6002N	1730-22091	00000/0000 1-10027/0622	07/23/74	90	182	47.0	148.7	GGGG	

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
17308W 6002N	1982-21594	00000/0000	1-10036/0489	04/01/75	0	3696	31.6	151.4		GFGG	
17310W 5958N	1748-22084	00000/0000	1-10027/1585	08/10/74	90	433	42.7	150.4		GGPG	
17311W 5954N	1766-22075	00000/0000	1-10029/0578	08/28/74	100	684	37.3	153.3		PPPG	
17314W 6129N	1839-22110	00000/0000	1-10031/0930	11/09/74	100	1702	10.5	164.0		PPPP	
17316W 5445N	1800-21564	00000/0000	1-10030/0930	10/01/74	90	1158	29.3	155.2		G PP	
17317W 6128N	1803-22115	00000/0000	1-10030/1147	10/04/74	70	1200	22.8	161.1		GGGG	
17321W 6128N	1821-22114	00000/0000	1-10031/0425	10/22/74	100	1451	16.2	163.1		GGGG	
17324W 6128N	1947-22069	00000/0000	1-10035/0198	02/25/75	70	3208	16.8	154.1		FGGG	
17324W 5713N	1801-22014	00000/0000	1-10030/0911	10/02/74	90	1172	26.9	157.3		G PP	
17326W 5718N	1945-21562	00000/0000	1-10035/0607	02/23/75	100	3180	19.2	151.0		GGFG	
17328W 5720N	1819-22013	00000/0000	1-10031/0243	10/20/74	90	1423	20.4	159.8		GGGG	
17329W 6116N	1785-22123	00000/0000	1-10030/0192	09/16/74	60	949	29.5	158.2		PPPP	
17330W 6247N	1804-22171	00000/0000	1-10030/1060	10/05/74	50	1214	21.2	162.6		P PP	
17330W 6129N	1965-22054	00000/0000	1-10035/0435	03/15/75	40	3459	23.8	153.4		GGGF	
17331W 5711N	1747-22034	00000/0000	1-10027/1674	08/09/74	90	419	44.9	146.8		GGGG	
17332W 6125N	1983-22045	00000/0000	1-10036/0609	04/02/75	60	3710	31.0	152.9		FGGF	
17332W 6116N	1767-22131	00000/0000	1-10029/0610	08/29/74	90	698	35.9	155.1		G GG	
17333W 5708N	1783-22022	00000/0000	1-10030/0801	09/14/74	80	921	33.5	153.8		GGGG	
17335W 6126N	1731-22143	00000/0000	1-10027/0693	07/24/74	90	196	45.8	150.7		GG G	
17335W 5717N	1981-21544	00000/0000	1-10037/0734	03/31/75	60	3682	33.2	148.7		GGGG	
17336W 6251N	1840-22162	00000/0000	1-10031/1156	11/10/74	20	1716	9.0	165.0		PPP	
17338W 6119N	1749-22135	00000/0000	1-10027/1232	08/11/74	100	447	41.5	152.3		GGGG	
17338W 5706N	1765-22030	00000/0000	1-10029/0510	08/27/74	90	670	39.6	150.0		G GG	
17338W 5141N	1817-21515	00000/0000	1-10030/1645	10/18/74	100	1395	25.7	155.9		GGPG	
17339W 5153N	1961-21455	00000/0000	1-10035/1069	03/11/75	20	3403	29.0	145.6		FGPF	
17339W 5145N	1835-21511	00000/0000	1-10031/1030	11/05/74	60	1646	19.9	157.7		PPPG	
17340W 5432N	1836-21560	00000/0000	1-10031/1047	11/06/74	70	1660	17.3	159.4		GPP	
17341W 5422N	1782-21573	00000/0000	1-10030/0079	09/13/74	90	907	35.9	151.1		GPGG	
17341W 5142N	1943-21464	00000/0000	1-10035/0132	02/21/75	50	3152	22.5	147.4		GGGG	
17342W 6240N	1786-22174	00000/0000	1-10030/0305	09/17/74	100	963	28.1	159.8		GGGG	
17342W 5433N	1818-21564	00000/0000	1-10031/0216	10/19/74	80	1409	23.1	157.8		PPGG	
17342W 5431N	1944-21513	00000/0000	1-10035/0142	02/22/75	50	3166	20.8	149.1		FGGG	
17343W 6248N	1948-22115	00000/0000	1-10035/0409	02/26/75	10	3222	16.2	155.3		GGGG	
17343W 5422N	1746-21585	00000/0000	1-10027/1511	08/08/74	90	405	47.0	143.1		PG P	
17344W 6415N	1841-22213	00000/0000	1-10032/0532	11/11/74	100	1730	7.5	166.2		PPPG	

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PAGE 0706

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
17344W	6251N	1822-22170	00000/0000	1-10031/0467	10/23/74	100	1465	14.7	164.4		GGGG					
17345W	6414N	1823-22222	00000/0000	1-10031/0518	10/24/74	100	1479	13.1	165.7		P PG					
17345W	6409N	1805-22223	00000/0000	1-10030/1119	10/06/74	100	1228	19.7	164.0		GGGP					
17345W	5432N	1980-21495	00000/0000	1-10036/0574	03/30/75	40	3668	34.6	146.2		GGTG					
17345W	5136N	1781-21523	00000/0000	1-10029/1203	09/12/74	80	893	38.3	148.3		GGGG					
17347W	5135N	1745-21540	00000/0000	1-10027/1427	08/07/74	70	391	48.9	139.3		GGPG					
17349W	6248N	1732-22195	00000/0000	1-10027/0751	07/25/74	100	210	44.7	152.8		GGPG					
17349W	5142N	1979-21450	00000/0000	1-10036/0560	03/29/75	60	3654	36.1	143.7		GGGF					
17349W	5133N	1763-21532	00000/0000	1-10029/0321	08/25/74	90	642	44.1	143.5		PP P					
17352W	6246N	1984-22101	00000/0000	1-10036/0642	04/03/75	100	3724	30.3	154.4		F					
17353W	6412N	1949-22170	00000/0000	1-10035/0472	02/27/75	0	3236	15.5	156.6		FGGG					
17354W	6531N	1824-22274	00000/0000	1-10031/0543	10/25/74	60	1493	11.7	167.0		GGPG					
17355W	6241N	1750-22191	00000/0000	1-10027/1697	08/12/74	100	461	40.2	154.3		FGGG					
17356W	6529N	1806-22275	00000/0000	1-10031/0087	10/07/74	90	1242	18.2	165.5		GP P					
17357W	6409N	1967-22162	00000/0000	1-10035/1105	03/17/75	10	3487	22.6	156.1		GGGG					
17357W	6401N	1787-22230	00000/0000	1-10030/0228	09/18/74	90	977	26.6	161.4		GGGP					
17357W	5838N	1802-22070	00000/0000	1-10030/0976	10/03/74	90	1186	25.4	158.6		G PP					
17401W	5842N	1820-22065	00000/0000	1-10031/0324	10/21/74	100	1437	18.9	160.9		GGGG					
17401W	5841N	1946-22014	00000/0000	1-10035/1044	02/24/75	40	3194	18.5	152.0		FGGE					
17402W	6532N	1968-22213	00000/0000	1-10035/1160	03/18/75	10	3501	21.9	157.7		FFGG					
17402W	6523N	1788-22282	00000/0000	1-10030/0360	09/19/74	70	991	25.1	163.1		PPGG					
17402W	5321N	1800-21570	00000/0000	1-10030/0931	10/01/74	90	1158	30.4	154.1		G PG					
17403W	5834N	1784-22073	00000/0000	1-10030/0138	09/15/74	70	935	32.1	155.3		PPPP					
17404W	5842N	1964-22005	00000/0000	1-10036/0136	03/14/75	60	3445	25.4	150.9		GGGG					
17405W	5839N	1730-22094	00000/0000	1-10027/0623	07/23/74	90	182	47.9	146.7		GGGG					
17407W	5840N	1982-22000	00000/0000	1-10036/0490	04/01/75	70	3696	32.6	150.0		GGGG					
17408W	5836N	1748-22090	00000/0000	1-10027/1586	08/10/74	90	433	43.7	148.7		GGPG					
17409W	6528N	1734-22302	00000/0000	1-10027/0870	07/27/74	100	238	42.2	156.9		GGPG					
17409W	6358N	1769-22235	00000/0000	1-10029/0711	08/31/74	90	726	33.1	158.6		GGGG					
17409W	5831N	1766-22082	00000/0000	1-10029/0579	08/28/74	100	684	38.3	151.8		GGGG					
17413W	6401N	1751-22243	00000/0000	1-10027/1742	08/13/74	90	475	38.9	156.2		GGGG					
17414W	5550N	1801-22020	00000/0000	1-10030/0912	10/02/74	100	1172	28.0	156.2		G PP					
17416W	6519N	1770-22290	00000/0000	00000/0000	09/01/74	100	740	31.7	160.5		PGPP					
17417W	6007N	1839-22113	00000/0000	1-10031/0931	11/09/74	100	1702	11.7	163.0		PPP					
17418W	6524N	1752-22294	00000/0000	1-10027/1759	08/14/74	100	489	37.5	158.2		GGGG					

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FROM 07/23/74 TO 07/23/75

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PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
17418W	5555N	1945-21565	00000/0000	1-10035/0608	02/23/75	100	3180	20.2	150.0		GGGF
17419W	5556N	1819-22020	00000/0000	1-10031/0244	10/20/74	90	1423	21.6	158.9		GGGG
17420W	6005N	1803-22121	00000/0000	1-10030/1148	10/04/74	90	1200	23.9	159.9		GGGG
17422W	5546N	1747-22041	00000/0000	1-10027/1675	08/09/74	90	419	45.8	145.0		GGGG
17424W	6005N	1821-22121	00000/0000	1-10031/0426	10/22/74	100	1451	17.4	162.1		GGGG
17424W	5545N	1783-22024	00000/0000	1-10030/0802	09/14/74	80	921	34.6	152.5		GGGG
17425W	5308N	1836-21563	00000/0000	1-10031/1048	11/06/74	60	1660	18.4	158.6		GGG
17426W	5553N	1981-21551	00000/0000	1-10037/0735	03/31/75	70	3682	34.1	147.4		FFGG
17426W	5258N	1782-21575	00000/0000	1-10030/0080	09/13/74	80	907	37.0	149.8		PPGG
17427W	6005N	1947-22070	00000/0000	1-10035/0199	02/25/75	80	3208	17.9	153.0		FFGF
17427W	5308N	1818-21570	00000/0000	1-10031/0217	10/19/74	80	1409	24.2	156.9		PPGG
17427W	5306N	1944-21520	00000/0000	1-10035/0143	02/22/75	40	3166	21.8	148.2		FGGG
17427W	5259N	1746-21592	00000/0000	1-10027/1512	08/08/74	80	405	47.9	141.3		PP P
17428W	5542N	1765-22033	00000/0000	1-10029/0511	08/27/74	60	670	40.6	148.5		G GG
17429W	5307N	1980-21502	00000/0000	1-10036/0575	03/30/75	30	3668	35.6	144.9		FFFG
17431W	5954N	1785-22125	00000/0000	1-10030/0179	09/16/74	100	949	30.6	156.8		P PP
17432W	6006N	1965-22061	00000/0000	1-10035/0436	03/15/75	80	3459	24.8	152.1		GGGG
17433W	5954N	1767-22134	00000/0000	1-10029/0611	08/29/74	100	698	36.9	153.5		G GG
17434W	5256N	1764-21584	00000/0000	1-10029/0456	08/26/74	70	656	42.8	145.3		PPPG
17435W	6002N	1983-22052	00000/0000	1-10036/0610	04/02/75	100	3710	32.0	151.4		FFGF
17438W	6126N	1804-22173	00000/0000	1-10030/1068	10/05/74	60	1214	22.4	161.3		PPGP
17438W	6003N	1731-22150	00000/0000	1-10027/0694	07/24/74	90	196	46.8	148.7		GGPG
17440W	5956N	1749-22142	00000/0000	1-10027/1233	08/11/74	100	447	42.5	150.6		GGGG
17446W	6128N	1840-22164	00000/0000	1-10031/1157	11/10/74	80	1716	10.2	164.0		PPP
17450W	6118N	1786-22181	00000/0000	1-10030/0306	09/17/74	100	963	29.2	158.4		GGGG
17451W	6126N	1948-22121	00000/0000	1-10035/0410	02/26/75	20	3222	17.2	154.1		FFFG
17451W	5714N	1802-22072	00000/0000	1-10030/0985	10/03/74	90	1186	26.5	157.5		GPPP
17453W	6129N	1822-22173	00000/0000	1-10031/0468	10/23/74	100	1465	15.9	163.2		GGGG
17455W	5718N	1820-22072	00000/0000	1-10031/0325	10/21/74	100	1437	20.1	159.9		GGGG
17456W	6125N	1732-22201	00000/0000	1-10027/0752	07/25/74	100	210	45.6	150.8		FGPG
17457W	5710N	1784-22080	00000/0000	1-10030/0139	09/15/74	40	935	33.1	154.0		PPPG
17458W	5718N	1964-22012	00000/0000	1-10036/0137	03/14/75	50	3445	26.4	149.7		GGGG
17459W	6253N	1841-22220	00000/0000	1-10032/0533	11/11/74	100	1730	8.7	165.1		PPGG
17459W	6124N	1984-22103	00000/0000	1-10036/0661	04/03/75	100	3724	31.4	152.8		FFFG
17459W	5716N	1730-22100	00000/0000	1-10027/0624	07/23/74	90	182	48.8	144.8		GGGG

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OF POOR QUALITY

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COORDINATE LISTING WITH PRODUCT DATA
STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUALITY MSS	PRODUCTS B P P B P C C D O
LONG	LAT		RBV	MSS						123	45678	
17500W	6252N	1823-22224	00000/0000	1-10031/0519	10/24/74	100	1479	14.3	164.5		P PG	
17500W	6248N	1805-22225	00000/0000	1-10030/1120	10/06/74	100	1228	20.8	162.7		GGGG	
17501W	5716N	1982-22003	00000/0000	1-10036/0478	04/01/75	30	3696	33.5	148.6		G GF	
17502W	6118N	1750-22193	00000/0000	1-10027/1698	08/12/74	100	461	41.2	152.5		GGGG	
17502W	5711N	1748-22093	00000/0000	1-10027/1587	08/10/74	90	433	44.6	146.9		GGP	
17502W	5426N	1801-22073	00000/0000	1-10030/0913	10/02/74	100	1172	29.1	155.1		P PP	
17503W	5707N	1766-22084	00000/0000	1-10029/0580	08/28/74	100	684	39.3	150.3		GP GP	
17506W	5431N	1945-21571	00000/0000	1-10035/0609	07/23/75	100	3180	21.2	149.1		GF FF	
17507W	5432N	1819-22022	00000/0000	1-10031/0245	10/20/74	90	1423	22.7	157.9		GP PG	
17508W	6250N	1949-22173	00000/0000	1-10035/0473	07/27/75	0	3236	16.5	155.3		GG FG	
17508W	5143N	1836-21565	00000/0000	1-10031/1049	11/06/74	70	1660	19.6	157.8		PPP	
17509W	5423N	1747-22043	00000/0000	1-10027/1676	08/09/74	80	419	46.7	143.3		GGGG	
17509W	5133N	1782-21582	00000/0000	1-10030/0081	09/13/74	80	907	38.0	148.5		GP GG	
17510W	6240N	1787-22272	00000/0000	1-10030/0229	09/18/74	90	977	27.7	159.9		GP GG	
17510W	5144N	1818-21573	00000/0000	1-10031/0218	10/19/74	70	1409	25.4	156.0		GP GG	
17510W	5142N	1944-21522	00000/0000	1-10035/0144	02/22/75	30	3166	22.8	147.3		FG GG	
17510W	5135N	1746-21594	00000/0000	1-10027/1513	08/08/74	30	405	48.7	139.5		PPPP	
17511W	6248N	1967-22164	00000/0000	1-10035/1106	03/17/75	0	3487	23.6	154.7		GGGG	
17511W	5421N	1783-22031	00000/0000	1-10030/0803	09/14/74	70	921	35.6	151.3		GGGG	
17514W	5429N	1981-21553	00000/0000	1-10037/0736	03/31/75	50	3682	35.1	146.0		FG GG	
17515W	5418N	1765-22035	00000/0000	1-10029/0527	08/27/74	60	670	41.6	147.0		GGGG	
17516W	6410N	1824-22280	00000/0000	1-10031/0544	10/25/74	80	1493	12.8	165.7		GP GG	
17516W	5844N	1839-22115	00000/0000	1-10031/0932	11/09/74	100	1702	12.8	162.0		PPP	
17516W	5133N	1764-21590	00000/0000	1-10029/0457	08/26/74	100	656	43.8	143.8		GP GG	
17517W	6408N	1806-22281	00000/0000	1-10031/0088	10/07/74	90	1242	19.3	164.1		PPPG	
17518W	5842N	1803-22124	00000/0000	1-10030/1149	10/04/74	90	1200	25.0	158.8		GGGG	
17521W	6402N	1788-22284	00000/0000	1-10030/0361	09/19/74	90	991	26.2	161.6		PPGG	
17521W	6236N	1769-22241	00000/0000	1-10029/0712	08/31/74	100	726	34.2	157.0		PPGG	
17523W	6412N	1968-22220	00000/0000	1-10035/1161	03/18/75	0	3501	23.0	156.1		FG GG	
17523W	5842N	1821-22123	00000/0000	1-10031/0427	10/22/74	100	1451	18.6	161.0		GGGG	
17525W	6239N	1751-22245	00000/0000	1-10027/1743	08/13/74	90	475	39.9	154.4		GGGG	
17525W	5842N	1947-22072	00000/0000	1-10035/0200	07/25/75	70	3208	18.9	151.9		GF GG	
17529W	6407N	1734-22305	00000/0000	1-10027/0871	07/27/74	100	238	43.3	154.8		GP PG	
17529W	5832N	1785-22132	00000/0000	1-10030/0180	09/16/74	100	949	31.7	155.5		P PP	
17530W	5831N	1767-22140	00000/0000	1-10029/0612	08/29/74	100	698	38.0	152.0		G GG	

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ERTS-1
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STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0709

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS			
LONG	LAT											B	P	P	B
17531W	5843N	1965-22063	00000/0000	1-10035/0437	07/15/75	80	3459	25.8	150.9		GGGF				
17533W	5839N	1983-22054	00000/0000	1-10036/0611	04/02/75	100	3710	33.0	150.0		GGFF				
17535W	6357N	1770-22293	00000/0000	00000/0000	09/01/74	100	740	32.8	158.7		PP P				
17536W	5840N	1731-22152	00000/0000	1-10027/0695	07/24/74	100	196	47.7	146.8		GGPG				
17537W	6403N	1752-22301	00000/0000	1-10027/1760	08/14/74	100	489	38.6	156.3		GGGG				
17537W	5833N	1749-22144	00000/0000	1-10027/1234	08/11/74	100	447	43.4	148.8		GGGG				
17541W	5550N	1802-22075	00000/0000	1-10030/0986	10/03/74	100	1186	27.7	156.4		GPPP				
17542W	6003N	1804-22180	00000/0000	1-10030/1061	10/05/74	70	1214	23.5	160.1		P GG				
17546W	5303N	1801-22025	00000/0000	1-10030/0914	10/02/74	100	1172	30.2	154.1		P PP				
17547W	5555N	1820-22074	00000/0000	1-10031/0326	10/21/74	90	1437	21.2	159.0		GP GG				
17547W	5547N	1784-22082	00000/0000	1-10030/0140	09/15/74	40	935	34.2	152.8		PPPG				
17548W	5555N	1964-22014	00000/0000	1-10036/0138	07/14/75	30	3445	27.4	148.6		FGGF				
17549W	5553N	1730-22103	00000/0000	1-10027/0625	07/23/74	90	182	49.7	142.8		GGGG				
17550W	6006N	1840-22171	00000/0000	1-10031/1165	11/10/74	100	1716	11.4	163.0		P				
17551W	5547N	1748-22095	00000/0000	1-10027/1588	08/10/74	90	433	45.6	145.2		GP				
17551W	5308N	1945-21574	00000/0000	1-10035/0610	07/23/75	100	3180	22.2	148.1		FFFF				
17552W	5552N	1982-22005	00000/0000	1-10036/0491	04/01/75	90	3696	34.5	147.3		FFG				
17553W	5956N	1786-22183	00000/0000	1-10030/0307	09/17/74	100	963	30.3	157.0		GGGG				
17553W	5544N	1766-22091	00000/0000	1-10029/0581	08/28/74	100	684	40.3	148.8		GGGG				
17553W	5307N	1819-22025	00000/0000	1-10031/0246	10/20/74	90	1423	23.9	157.0		GPPG				
17553W	5259N	1747-22050	00000/0000	1-10027/1677	08/09/74	90	419	47.6	141.5		GGG				
17554W	6003N	1948-22124	00000/0000	1-10035/0411	07/26/75	70	3222	18.2	152.9		FGGG				
17556W	6006N	1822-22175	00000/0000	1-10031/0469	10/23/74	100	1465	17.1	162.1		GGGG				
17556W	5256N	1783-22033	00000/0000	1-10030/0804	09/14/74	40	921	36.6	150.0		GGGG				
17558W	6003N	1732-22204	00000/0000	1-10027/0753	07/25/74	100	210	46.6	148.8		GG				
17559W	5304N	1981-21560	00000/0000	1-10037/0737	07/31/75	40	3682	36.0	144.7		FGGG				
17600W	5255N	1765-22042	00000/0000	1-10029/0528	08/27/74	90	670	42.5	145.5		GPPG				
17602W	6001N	1984-22110	00000/0000	1-10036/0662	04/03/75	100	3724	32.4	151.4		GGGG				
17604W	5955N	1750-22200	00000/0000	1-10027/1699	08/12/74	100	461	42.2	150.7		GGGG				
17608W	6130N	1823-22231	00000/0000	1-10031/0520	10/24/74	100	1479	15.5	163.3		G PP				
17608W	6130N	1841-22222	00000/0000	1-10032/0534	11/11/74	100	1730	9.9	164.0		PPGG				
17608W	6126N	1805-22232	00000/0000	1-10030/1121	10/06/74	100	1228	22.0	161.4		GGPG				
17611W	5721N	1839-22122	00000/0000	1-10031/0933	11/09/74	100	1702	14.0	161.2		PPP				
17614W	5719N	1803-22130	00000/0000	1-10030/1150	10/04/74	100	1200	26.2	157.7		GGGG				
17616W	6129N	1949-22175	00000/0000	1-10035/0474	02/27/75	10	3236	17.6	154.0		GGFG				

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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COORDINATE LISTING WITH PRODUCT DATA
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PRINCIPAL POINT OF IMAGE LONG. LAT.	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
17617W 5719N	1821-22130	00000/0000	1-10031/0428	10/22/74	80	1451	19.7	160.0		GGGG	
17618W 6117N	1787-22235	00000/0000	1-10030/0230	09/18/74	100	977	28.8	158.5		GGGG	
17619W 6126N	1967-22171	00000/0000	1-10035/1107	03/17/75	0	3487	24.6	153.3		GGGG	
17623W 5709N	1785-22134	00000/0000	1-10030/0181	09/16/74	100	949	32.8	154.2		G PP	
17624W 5719N	1965-22070	00000/0000	1-10035/0438	03/15/75	80	3459	26.8	149.7		GGGF	
17624W 5708N	1767-22143	00000/0000	1-10029/0613	08/29/74	100	698	39.0	150.5		P GG	
17627W 5716N	1983-22061	00000/0000	1-10036/0612	04/02/75	100	3710	33.9	148.6		FGFF	
17628W 6114N	1769-22244	00000/0000	1-10029/0713	08/31/74	90	726	35.2	155.4		GGGG	
17628W 5427N	1802-22081	00000/0000	1-10030/0977	10/03/74	90	1186	28.8	155.3		G P	
17628W 5138N	1801-22032	00000/0000	1-10030/0915	10/02/74	100	1172	31.3	153.0		P PR	
17629W 5716N	1731-22155	00000/0000	1-10027/0696	07/24/74	100	196	48.6	144.8		GGPG	
17630W 6249N	1824-22283	00000/0000	1-10031/0545	10/25/74	90	1493	14.0	164.5		GPPG	
17630W 6117N	1751-22252	00000/0000	1-10027/1744	08/13/74	90	475	40.9	152.6		GGGG	
17630W 5708N	1749-22151	00000/0000	1-10027/1235	08/11/74	100	447	44.4	147.1		GGGG	
17631W 6246N	1806-22284	00000/0000	1-10031/0089	10/07/74	90	1242	20.5	162.8		GPPG	
17634W 5423N	1784-22085	00000/0000	1-10030/0141	09/15/74	80	935	35.2	151.5		GPPG	
17635W 5431N	1820-22081	00000/0000	1-10031/0327	10/21/74	80	1437	22.4	158.1		PGGG	
17635W 5143N	1819-22031	00000/0000	1-10031/0247	10/20/74	90	1423	25.0	156.1		GPPG	
17635W 5143N	1945-21580	00000/0000	1-10035/0611	02/23/75	100	3180	23.2	147.2		FFGF	
17636W 5431N	1964-22021	00000/0000	1-10036/0139	03/14/75	30	3445	28.4	147.4		FGFG	
17636W 5134N	1747-22052	00000/0000	1-10027/1678	08/09/74	80	419	48.5	139.7		GGGG	
17637W 5131N	1783-22040	00000/0000	1-10030/0805	09/14/74	30	921	37.7	148.7		GGGG	
17638W 5429N	1730-22105	00000/0000	1-10027/0626	07/23/74	100	182	50.6	140.8		GGPG	
17638W 5423N	1748-22102	00000/0000	1-10027/1589	08/10/74	90	433	46.5	143.5		GGPG	
17639W 5428N	1982-22012	00000/0000	1-10036/0492	04/01/75	90	3696	35.5	145.9		FGGG	
17640W 5420N	1766-22093	00000/0000	1-10029/0582	08/28/74	100	684	41.3	147.3		GGPG	
17642W 6245N	1734-22311	00000/0000	1-10027/0872	07/27/74	90	238	44.3	152.8		GGPG	
17643W 5132N	1765-22044	00000/0000	1-10029/0529	08/27/74	100	670	43.5	144.0		GGPG	
17648W 6235N	1770-22295	00000/0000	00000/0000	09/01/74	100	740	33.9	157.1		PP P	
17649W 5844N	1840-22173	00000/0000	1-10031/1166	11/10/74	100	1716	12.6	162.0		P	
17650W 6240N	1752-22303	00000/0000	1-10027/1761	08/14/74	100	489	39.6	154.5		GGGG	
17651W 5833N	1786-22190	00000/0000	1-10030/0308	09/17/74	100	963	31.3	155.7		GGGP	
17653W 5844N	1822-22182	00000/0000	1-10031/0470	10/23/74	100	1465	18.2	161.1		GGGG	
17653W 5840N	1948-22130	00000/0000	1-10035/0412	02/26/75	80	3222	19.3	151.8		FGGF	
17700W 5838N	1984-22112	00000/0000	1-10036/0663	04/03/75	100	3724	33.3	149.9		FFFF	

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN FLEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
17701W	5832N	1750-22202	00000/0000	1-10027/1700	08/12/74	100	461	43.1	149.0		GGGG	
17703W	5558N	1839-22124	00000/0000	1-10031/0934	11/09/74	100	1702	15.2	160.3		PPGP	
17706W	5555N	1803-22133	00000/0000	1-10030/1151	10/04/74	100	1200	27.3	156.6		GGGG	
17708W	5555N	1821-22132	00000/0000	1-10031/0429	10/22/74	90	1451	20.9	159.1		GGGG	
17711W	6008N	1841-22225	00000/0000	1-10032/0535	11/11/74	100	1730	11.1	163.0		PPGP	
17711W	6003N	1805-22234	00000/0000	1-10030/1122	10/06/74	100	1228	23.1	160.2		GGGG	
17712W	6007N	1823-22233	00000/0000	1-10031/0521	10/24/74	100	1479	16.7	162.3		G GG	
17713W	5546N	1785-22141	00000/0000	1-10030/0182	09/16/74	100	949	33.9	153.0		G PP	
17713W	5303N	1802-22084	00000/0000	1-10030/0987	10/03/74	70	1186	29.9	154.3		PPPP	
17714W	5545N	1767-22145	00000/0000	1-10029/0614	08/29/74	100	698	40.0	149.0		G GG	
17719W	5552N	1731-22161	00000/0000	1-10027/0697	07/24/74	100	196	49.5	142.9		GPG	
17719W	5258N	1784-22091	00000/0000	1-10030/0127	09/15/74	90	935	36.3	150.3		G PP	
17720W	6006N	1949-22182	00000/0000	1-10035/0475	02/27/75	10	3236	18.6	152.9		FFFG	
17720W	5545N	1749-22153	00000/0000	1-10027/1236	08/11/74	100	447	45.3	145.4		GGGG	
17720W	5307N	1820-22083	00000/0000	1-10031/0328	10/21/74	80	1437	23.5	157.2		GGGG	
17720W	5307N	1964-22023	00000/0000	1-10036/0140	03/14/75	50	3445	29.3	146.3		GGGG	
17721W	6003N	1967-22173	00000/0000	1-10035/1108	03/17/75	20	3487	25.6	152.0		GGGG	
17721W	5954N	1787-22241	00000/0000	1-10030/0231	09/18/74	90	977	29.9	157.2		GGGG	
17722W	5259N	1748-22104	00000/0000	1-10027/1590	08/10/74	90	433	47.4	141.7		GGPG	
17723W	5304N	1730-22112	00000/0000	1-10027/0627	07/23/74	90	182	51.4	138.8		GGGG	
17725W	5304N	1982-22014	00000/0000	1-10036/0493	04/01/75	100	3696	36.4	144.6		FGG	
17729W	5952N	1769-22250	00000/0000	1-10029/0714	08/31/74	90	726	36.3	153.8		GGGG	
17731W	5955N	1751-22254	00000/0000	1-10027/1745	08/13/74	80	475	41.9	150.8		GGGG	
17735W	5716N	1804-22185	00000/0000	1-10030/1062	10/05/74	50	1214	25.8	157.8		P	
17739W	6127N	1824-22285	00000/0000	1-10031/0546	10/25/74	100	1493	15.2	163.3		PPPG	
17739W	6124N	1806-22290	00000/0000	1-10031/0090	10/07/74	80	1242	21.6	161.5		GGPG	
17744W	5721N	1840-22180	00000/0000	1-10031/1164	11/10/74	100	1716	13.8	161.2		PP	
17745W	6127N	1968-22225	00000/0000	1-10035/1162	03/18/75	0	3501	25.0	153.3		GGGG	
17745W	5710N	1786-22192	00000/0000	1-10030/0309	09/17/74	100	963	32.4	154.4		GGGP	
17747W	5721N	1822-22184	00000/0000	1-10031/0471	10/23/74	100	1465	19.4	160.1		GGGG	
17749W	6305N	1969-22280	00000/0000	1-10035/1194	03/19/75	0	3515	24.2	154.9		GGGG	
17750W	6122N	1734-22314	00000/0000	1-10027/0873	07/27/74	50	238	45.2	150.8		PPPG	
17751W	5433N	1839-22131	00000/0000	1-10031/0935	11/09/74	100	1702	16.4	159.5		PPGP	
17754W	6252N	1825-22341	00000/0000	1-10031/0790	10/26/74	90	1507	13.7	164.6		GGPP	
17754W	5714N	1984-22115	00000/0000	1-10036/0664	04/03/75	100	3724	34.3	148.5		FGFG	

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OF POOR QUALITY

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PRINCIPAL POINT OF IMAGE LONG LAT		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
17754W	5708N	1750-22205	00000/0000	1-10027/1701	08/12/74	100	461	44.1	147.3		GGGG	
17754W	5431N	1803-22135	00000/0000	1-10030/1152	10/04/74	90	1200	28.4	155.5		GGGG	
17755W	6247N	1807-22342	00000/0000	1-10030/1329	10/08/74	90	1256	20.1	162.9		G GG	
17755W	5139N	1802-22090	00000/0000	1-10030/0978	10/03/74	100	1186	31.0	153.2		P P	
17756W	5431N	1821-22135	00000/0000	1-10031/0430	10/22/74	100	1451	22.1	158.2		GGGG	
17757W	6118N	1752-22310	00000/0000	1-10027/1762	08/14/74	90	489	40.6	152.7		GGGG	
17759W	5422N	1785-22143	00000/0000	1-10030/0195	09/16/74	100	949	34.9	151.7		P	
17800W	5134N	1784-22094	00000/0000	1-10030/0142	09/15/74	50	935	37.3	149.0		PPPG	
17802W	5431N	1965-22075	00000/0000	1-10035/0439	03/15/75	70	3459	28.8	147.3		GFUG	
17803W	5143N	1964-22030	00000/0000	1-10036/0141	03/14/75	80	3445	30.3	145.2		GGGG	
17803W	5142N	1820-22090	00000/0000	1-10031/0329	10/21/74	80	1437	24.7	156.3		GGGG	
17804W	6248N	1951-22285	00000/0000	1-10036/0012	03/01/75	90	3264	17.3	155.1		GFUG	
17804W	6238N	1789-22345	00000/0000	1-10030/0571	09/20/74	90	1005	27.0	160.2		G GG	
17804W	5134N	1748-22111	00000/0000	1-10027/1591	08/10/74	90	433	48.2	139.9		PPPG	
17806W	5428N	1731-22164	00000/0000	1-10027/0698	07/24/74	100	196	50.4	140.9		GGPG	
17806W	5139N	1730-22114	00000/0000	1-10027/0628	07/23/74	90	182	52.2	136.8		GGPG	
17806W	5132N	1766-22107	00000/0000	1-10029/0583	08/28/74	80	684	43.2	144.3		GGG	
17807W	6239N	1771-22353	00000/0000	1-10029/0794	09/02/74	100	754	33.5	157.3		G GP	
17807W	5421N	1749-22160	00000/0000	1-10027/1237	08/11/74	100	447	46.2	143.6		PPGG	
17808W	5140N	1982-22021	00000/0000	1-10036/0479	04/01/75	100	3696	37.3	143.3		F	
17810W	5845N	1841-22231	00000/0000	1-10032/0536	11/11/74	100	1730	12.3	162.1		PPPG	
17810W	5840N	1805-22241	00000/0000	1-10030/1123	10/06/74	70	1228	24.3	159.1		GGGG	
17812W	5844N	1823-22240	00000/0000	1-10031/0522	10/24/74	70	1479	17.8	161.2		P GP	
17814W	6241N	1753-22362	00000/0000	1-10027/1798	08/15/74	100	503	39.3	154.6		GGPG	
17819W	5843N	1949-22184	00000/0000	1-10035/0476	02/27/75	50	3236	19.6	151.8		GGPG	
17819W	5831N	1787-22244	00000/0000	1-10030/0232	09/18/74	90	977	31.0	155.9		GGGP	
17820W	5840N	1967-22180	00000/0000	1-10035/1109	03/17/75	50	3487	26.6	150.7		FUGG	
17826W	5829N	1769-22253	00000/0000	1-10029/0715	08/31/74	100	726	37.3	152.3		GGGG	
17826W	5553N	1804-22191	00000/0000	1-10030/1063	10/05/74	60	1214	26.9	156.7		P PG	
17835W	5557N	1840-22182	00000/0000	1-10031/1158	11/10/74	100	1716	14.9	160.3		PPPP	
17835W	5546N	1786-22195	00000/0000	1-10030/0310	09/17/74	100	963	33.5	153.2		GGGP	
17837W	5309N	1839-22133	00000/0000	1-10031/0936	11/09/74	100	1702	17.6	158.7		GGGP	
17839W	5307N	1803-22142	00000/0000	1-10030/1153	10/04/74	70	1200	29.5	154.5		GGGP	
17840W	5558N	1822-22191	00000/0000	1-10031/0472	10/23/74	100	1465	20.6	159.2		GGGG	
17841W	6002N	1806-22293	00000/0000	1-10031/0091	10/07/74	80	1242	22.8	160.3		GPPP	

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ERTS-1
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STANDARD CATALOG FOR US
FROM 07/23/74 TO 07/23/75

PAGE 0713

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS				
LONG	LAT											B	P	P	B	P
17841W	5307N	1821-22141	00000/0000	1-10031/0431	10/22/74	100	1451	23.2	157.3		GGGG					
17842W	6004N	1824-22292	00000/0000	1-10031/0547	10/25/74	100	1493	16.4	162.3		GGGG					
17843W	5258N	1785-22150	00000/0000	1-10030/0194	09/16/74	100	949	36.0	150.5		P					
17844W	5550N	1984-22121	00000/0000	1-10036/0665	04/03/75	90	3724	35.3	147.1		FFG					
17844W	5544N	1750-22211	00000/0000	1-10027/1702	08/12/74	100	461	45.0	145.5		GGGG					
17846W	5257N	1767-22154	00000/0000	1-10029/0615	08/29/74	100	698	41.9	146.1		G GG					
17850W	5304N	1731-22170	00000/0000	1-10027/0699	07/24/74	100	196	51.2	138.9		GGPG					
17851W	5303N	1983-22072	00000/0000	1-10036/0613	04/02/75	60	3710	36.8	144.5		GGGG					
17851W	5257N	1749-22162	00000/0000	1-10027/1238	08/11/74	100	447	47.1	141.9		GGGG					
17852W	5959N	1734-22320	00000/0000	1-10027/0874	07/27/74	50	238	46.2	148.9		GGPP					
17856W	5951N	1770-22304	00000/0000	00000/0000	09/01/74	100	740	36.0	154.0		PGP					
17858W	5955N	1752-22312	00000/0000	1-10027/1763	08/14/74	100	489	41.6	151.0		PGGG					
17903W	6130N	1825-22343	00000/0000	1-10031/0791	10/26/74	90	1507	14.8	163.5		PPGG					
17903W	6125N	1807-22345	00000/0000	1-10030/1330	10/08/74	90	1256	21.3	161.7		G GG					
17904W	5722N	1841-22234	00000/0000	1-10032/0537	11/11/74	90	1730	13.4	161.2		PPPG					
17904W	5717N	1805-22243	00000/0000	1-10030/1124	10/06/74	50	1228	25.4	158.0		PGGG					
17908W	5721N	1823-22242	00000/0000	1-10031/0523	10/24/74	50	1479	19.0	160.3		G GP					
17911W	6116N	1789-22351	00000/0000	1-10030/0572	09/20/74	90	1005	28.1	158.9		G GG					
17913W	6126N	1951-22292	00000/0000	1-10036/0013	03/01/75	40	3264	18.4	153.9		FFFF					
17913W	5720N	1949-22191	00000/0000	1-10035/0477	02/27/75	90	3236	20.6	150.7		FGF					
17914W	6116N	1771-22360	00000/0000	1-10029/0795	09/02/74	90	754	34.5	155.8		PGGG					
17914W	5717N	1967-22182	00000/0000	1-10035/1110	03/17/75	50	3487	27.6	149.5		GFGG					
17914W	5429N	1804-22194	00000/0000	1-10030/1064	10/05/74	60	1214	28.0	155.7		P PP					
17919W	5705N	1769-22255	00000/0000	1-10029/0716	08/31/74	100	726	38.3	150.9		PGGG					
17921W	6119N	1753-22364	00000/0000	1-10027/1799	08/15/74	100	503	40.3	152.9		GGGG					
17921W	5144N	1839-22140	00000/0000	1-10031/0937	11/09/74	100	1702	18.7	157.9		PGPP					
17922W	5422N	1786-22201	00000/0000	1-10030/0311	09/17/74	100	963	34.5	152.0		GGGP					
17922W	5142N	1803-22144	00000/0000	1-10030/1154	10/04/74	60	1200	30.6	153.4		GGGP					
17923W	5433N	1840-22185	00000/0000	1-10031/1159	11/10/74	100	1716	16.1	159.5		PPPP					
17924W	5142N	1821-22144	00000/0000	1-10031/0432	10/22/74	90	1451	24.4	156.4		GGGG					
17925W	5133N	1785-22152	00000/0000	1-10030/0193	09/16/74	90	949	37.0	149.2		GGPP					
17929W	5433N	1822-22193	00000/0000	1-10031/0473	10/23/74	80	1465	21.7	158.3		PGGG					
17929W	5142N	1965-22084	00000/0000	1-10035/0440	03/15/75	100	3459	30.7	145.1		GFGF					
17929W	5132N	1767-22161	00000/0000	1-10029/0616	08/29/74	80	698	42.9	144.6		G GG					
17931W	5421N	1750-22214	00000/0000	1-10027/1703	08/12/74	100	461	45.9	143.8		GGGG					

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
 IMAGE QUALITY BLANKS=BAND NOT PRESENT/REQUESTED. G=GOOD. P=POOR. F=FAIR.
 PRODUCTS ALREADY MADE R=MADE FROM RBV. M=MADE FROM MSS. B=MADE FROM RBV AND MSS.

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 COORDINATE LISTING WITH PRODUCT DATA
 STANDARD CATALOG FOR US
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PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678	PRODUCTS B P P B P C C D D
17932W	5426N	1984-22124	00000/0000	1-10036/0666	04/03/75	90	3724	36.2	145.8		FFF	G
17932W	5133N	1749-22165	00000/0000	1-10027/1239	08/11/74	100	447	48.0	140.1		GGG	G
17933W	5140N	1731-22173	00000/0000	1-10027/0700	07/24/74	90	196	52.0	136.9		GGP	G
17933W	5139N	1983-22075	00000/0000	1-10036/0614	04/02/75	80	3710	37.7	143.2		GGG	G
17940W	5838N	1806-22295	00000/0000	1-10031/0092	10/07/74	90	1242	23.9	159.2		GPP	P
17941W	5841N	1824-22294	00000/0000	1-10031/0548	10/25/74	100	1493	17.6	161.3		GGP	G
17941W	5833N	1788-22302	00000/0000	1-10030/0362	09/19/74	80	991	30.6	156.1		GP	G
17946W	5841N	1968-22234	00000/0000	1-10035/1163	03/18/75	60	3501	27.0	150.7		GGG	G
17950W	5836N	1734-22323	00000/0000	1-10027/0875	07/27/74	50	238	47.1	147.0		GGP	G
17955W	5831N	1752-22315	00000/0000	1-10027/1764	08/14/74	100	489	42.6	149.3		GGG	G
17955W	5554N	1805-22250	00000/0000	1-10030/1125	10/06/74	80	1228	26.5	156.9		GGG	G
17956W	5557N	1823-22245	00000/0000	1-10031/0524	10/24/74	50	1479	20.2	159.3		P	P
17957W	5540N	1769-22262	00000/0000	1-10029/0717	08/31/74	90	726	39.3	149.4		GP	G
17959W	5305N	1804-22200	00000/0000	1-10030/1071	10/05/74	60	1214	29.1	154.7		P	G

KEYS: CLOUD COVER % 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
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APPENDIX

APPENDIX

EXPLANATION OF OBSERVATION ID

The day after the 999th day of operation of LANDSAT 1, the first digit of the observation ID becomes a 5, signifying that the 1000th day of operation has been reached. The next three digits, which correspond to the count of days since launch, return to 000. On each day thereafter the count, as before, increases by one. The ID format for LANDSAT 1 is illustrated below:

1000 - hhmmms
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1998 - hhmmms
1999 - hhmmms April 18, 1975
5000 - hhmmms April 19, 1975
5001 - hhmmms (Days since launch equal 1001)
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The same general identification procedure will be used for LANDSAT 2 imagery. The day after the 999th day of operation of LANDSAT 2, the first digit of the observation ID becomes a 6, and the next three digits return to 000 as explained above. An illustration follows:

2000 - hhmmms
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2999 - hhmmms
6000 - hhmmms
6001 - hhmmms (Days since launch equal 1001)
--
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Key: hh = hours
 mm = minutes
 s = tens of seconds